

# RECORD

US EPA RECORDS CENTER REGION 5



467355

7530-03-022-3525  
FEDERAL SUPPLY SERVICE

(88)

Job # KJ5102

J.E. Berger site  
5300 Bellevue Street  
Detroit, Michigan

TDD: 505-9610-001

PAN: 6C0101RAXX

SSID: A537

Book 3 of —

Job # KJ5102

Telephone Code 00212

Site Name : J.E. Berger  
5300 Bellevue Street  
Detroit, Michigan

TDD : 505-9610-001

PAN : 6C01DIRAXX

SSID: A537

Start/Finish Date : November 4, 1996 /

Book 3 of \_

1/16/97 505-9610-001 J.E. Berger

0730 STARTM Gibson arrive @ the site. USCG Stanton and ERCS crew on-site (C.H.)

Tool Box safety meeting: Task for today include <sup>①</sup> decon and demobe hip air <sup>②</sup> plating and scabbling will begin <sup>③</sup> cut paint booth walls w torch <sup>④</sup> remove concrete A4-6 <sup>⑤</sup> shovel snow. Level of protection to perform each task was discussed. Chemical haz - PCB. Physical haz - slip/trip/fall, cold stress, overhead, equipment operation. (C.H.)

0800 ERCS enter hot zone (C.H.)

\*Backnote: 0730 Pro Tec Security guard still on site talking to RM Parquette about theft incident that happened around 1:00 a.m. The light stand that sits just outside the office trailer was stolen. Per security guard, he was held @ gunpoint, a police report was filed about incident, and he contacted his commanding officer and ERCS foreman Bill Gilmartin. The foreman and a crew member reported to the site @ 5:05 a.m. to <sup>(C.H.)</sup> get open office trailer door because the security guard had locked himself out (C.H.)

0805 STARTM Gibson completes chain of custody for samples collected during manhole power vacuuming operation. (C.H.)

0830 STARTM Gibson updates filing (C.H.)

0900 USCG Stanton enter hot zone to conduct air <sup>(CO)</sup> monitoring on the manholes. As equipment was turned on, a level of 8 ppm was detected on the passport in the decon room. The instrument was zeroed in fresh air. (C.H.)  
Edwin A. Gibson (cont'd) 1/16/97

(Cont'd) 1/16/97 505-9610-001 J.E. Berger

0900 air, <sup>cell</sup> and <sup>and</sup> taken back into the decon room and still got a reading of 8 ppm CO. (C.H.)

0930 USCG Stanton communicated <sup>cell</sup> that CO readings @ 13 ppm <sup>in hot zone</sup> RM Parquette made aware and he stated decon area would be vented. The (C.H.)

1020 ERCS crew take a break (C.H.)

1030 Per USCG Stanton while he was <sup>cell</sup> in the hot zone. The readings @ the various manholes were as following: (C.H.)

Manhole #4 PID-232 ppm (C.H.)

O<sub>2</sub>-20.6%, LEL-1%, CO-1 ppm, H<sub>2</sub>S-0 ppm

Manhole #1 PID-3 ppm (C.H.)

O<sub>2</sub>-20.6%, LEL-0%, CO-0 ppm, H<sub>2</sub>S-0 ppm

1045 STARTM Gibron reviews the 1900-55's (C.H.)

1130 STARTM Gibron logs air monitoring results on the Confined space Entry Permit. (C.H.)

1200 STARTM Gibron leaves the site. (C.H.)

1200 Detroit Sanitary Water & Sewer Dept Reps. arrive to investigate sewers in Building

1238 USCG & DWSD check 2 manholes on concord w PID & Passport 4 gas indicator & find no readings at either location.

1345 DWSD departs site after determining that no flow exists in sewers & dye test would not be beneficial

An additional sample was provided them from MH #4

1600 Crew exits hot zone after coarding hot carrying various vessels, scabbling & planing concrete.

1615 ERCS, USCG & EPA OSC off site; Security work present one ERCS laborer will wait for Security to arrive

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0732 STARTm Hellie arrives on site. USCG and Smith crew on site. AH

Tool box safety meeting: wt up metal scrap, break up concrete grid A4, A5, & A6, plane and scabble concrete surface, shovel snow and salt as needed, check equipment Hazards: cold stress, PCBs, slip/trip/fall AH

weather: sunny temp ~ 0°F, wind chill <sup>down</sup> ~~up~~ to -30°F. AH

0740 Polytank reported to be freezing frozen<sup>AH</sup>, heaters are being used to thaw it. AH

0820 Smith crew member Candido having trouble starting planer due to cold conditions. STARTm Hellie working on POLREP 8. -Oppm

0930 START Hellie updating cost tracking form AH

1015 OSC Anderson informs START Hellie that people are coming out to fix<sup>air</sup> compressor - oil leak and blown air line. J. Kelly company will be replacing air line. They are expected some time soon (within the hour). AH

1048 STARTm Hellie now working on photo log. AH

1105 J. Kelly arrives on site to fix compressor AH

1136 START Hellie and USCG Stanton enter hot zone for tour and air monitoring in MH4. Reading on microtip is 162 ppm, no reading on passport. Photodocumentation of crew member in bobcat breaking up cement and crew members cutting scrap metal. AH

1215 Lunch AH

1245 START Hellie speaking with OSC Anderson about photo log and what needs to be done for photology to get started. AH

1315 START Hellie doing cost tracking from 1-16-97 1900-SS and filing paperwork from that 1900-55. AH

1320 leave site. Anne Hellie 1/17/97

4

1/19/97 J.E. Berger 505-9610-001

0730 STARTm Hellie arrives on site. Security guard Davis on site. Arrived early because not alerted that site activities would not begin until 0900. ————— AH

0900 USCG and ERCS crew on site. Tool box safety meeting. Break up concrete (A-4, A-5, A-6), cut up metal scrap, plate/scabbler concrete surface, construct poly tent around poly tank, jump start equipment. Hazards: cold stress, physical hazards, loud noise, forches, moving equipment. 18°F high, sunny, wind chill ~ 0°F — AH

0915 ERCS crew in hot zone - jump starting the compressor. STARTm Hellie updating receipt log. ————— AH

1015 USCG Stanton enters hot zone to observe activities and take readings in manholes. MH1: 0 ppm, 20.7% O<sub>2</sub>, 0% LEL, 0 CO, 0 H<sub>2</sub>S. MH4: 49.8 ppm, 20.6% O<sub>2</sub>, 0% LEL, 0 CO, 0 H<sub>2</sub>S. Liquid level in both sewers reported to be stable. ————— AH

\*backnote 1/17 0925 USCG Stanton enters hot zone to observe work being done and take readings. MH4: 323 ppm, 0% LEL, 20.7% O<sub>2</sub>, 0% CO, 0% H<sub>2</sub>S. MH1: 4.2 ppm, 0% LEL, 20.7% O<sub>2</sub>, 0% CO, 0% H<sub>2</sub>S. — AH

1230 START Hellie updating POLREP B ————— AH

1330 USCG Stanton entered hot zone <sup>in level c</sup> to observe activities. Crew setting up vac-drum to remove dust from planing & scabbling operations. ————— AH

\*backnote 1015 ERCS crew building shelter for poly tank, cutting scrap metal, removing concrete w/ planer/scabbler, breaking up concrete with Bobcat hammer ————— AH

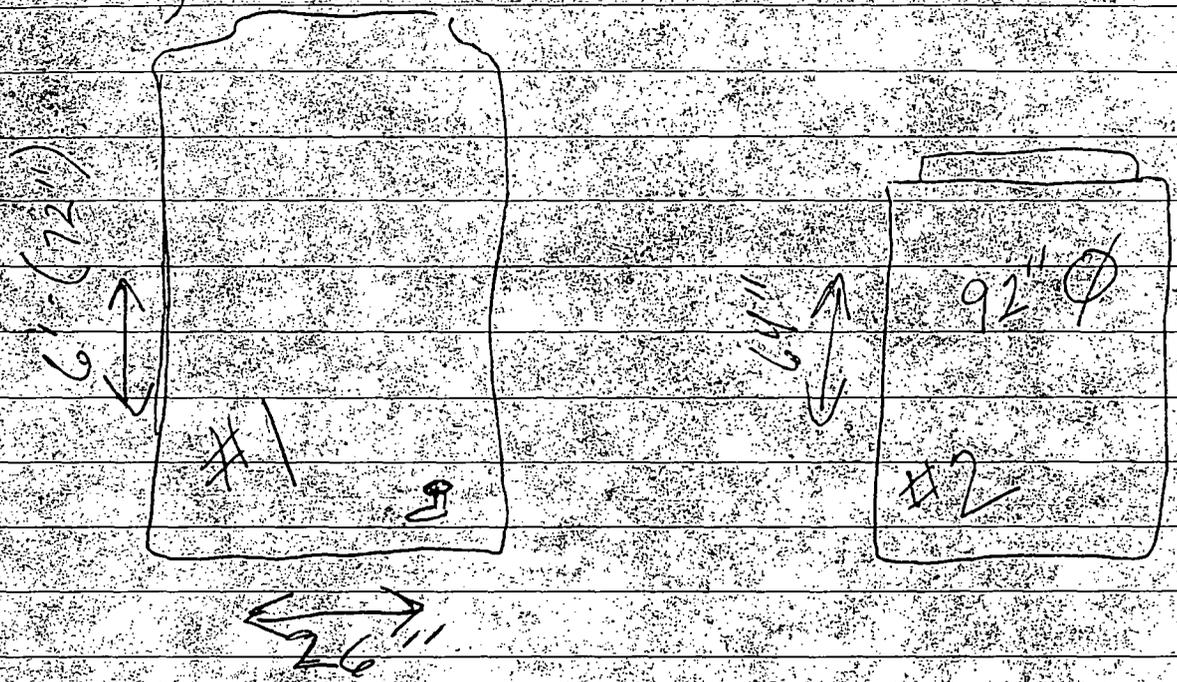
1530 STARTm Hellie e-mails POLREP B. ————— AH

1545 STARTm Hellie leaves the site. ————— AH

Measurement for the five transformers  
and here (Daugbeat Electric company)

12" x 12" x 18"  
⑧

STAINED FLOOR



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avis on 0730 STARTM Gibson arrives @ the site, USC Stanton  
ities and ERCS crew on-site (C.H.)

→ AH Tool box safety meeting. Tasks include ① Continue  
meeting planing ② Sweep + vacuum floor. Chemical ③ load  
p, plate roll off box. Chemical hazards - PCB. Physical  
tank, hazards - slips/trips/falls, overhead, equipment  
, load more operation (C.H.)

0°F → AH 0800 ERCS crew enter hot zone to perform tasks (C.H.)

STARTM 0848 STARTM Gibson reviews 1900-55's. USC Stanton  
AH enter hot zone to observe activities (C.H.)

take 0905 STARTM Gibson enter hot zone for photo document-  
OCD; ation and observe activities (C.H.)

liquid level 0915 STARTM Gibson enter Doug Beat Electrize bldg (C.H.)  
AH get measurements of 5 transformers found on the second (C.H.)

re work level of that bldg. STARTM Gibson enters bldg w/ the (C.H.)  
7% O<sub>2</sub>, ERCS foreman (C.H.)

0% H<sub>2</sub>S 1041 STARTM Gibson began work on the photolog for  
AH final letter report. (C.H.)

Crew \* Backnote: 0900 OSC Anderson states that the scabber  
abbling and air compressor will be demobed from (C.H.) site. (C.H.)

→ AH Two more planers and two pneumatic vacuums will (C.H.)  
k, cutting be mobed to the site. (C.H.)

→ AH 1245 ERCS crew take lunch break (C.H.)

→ AH 1320 ERCS crew enter hot zone (C.H.)

→ AH 1330 STARTM Gibson works on analytical <sup>tables</sup> tables for (C.H.)  
AH geo probe sample results. (C.H.)

→ AH 1515 One of the planers blew some of the parts off. The planer  
was brought to the loading dock and STARTM Gibson

edine A. Gibson 1/20/97

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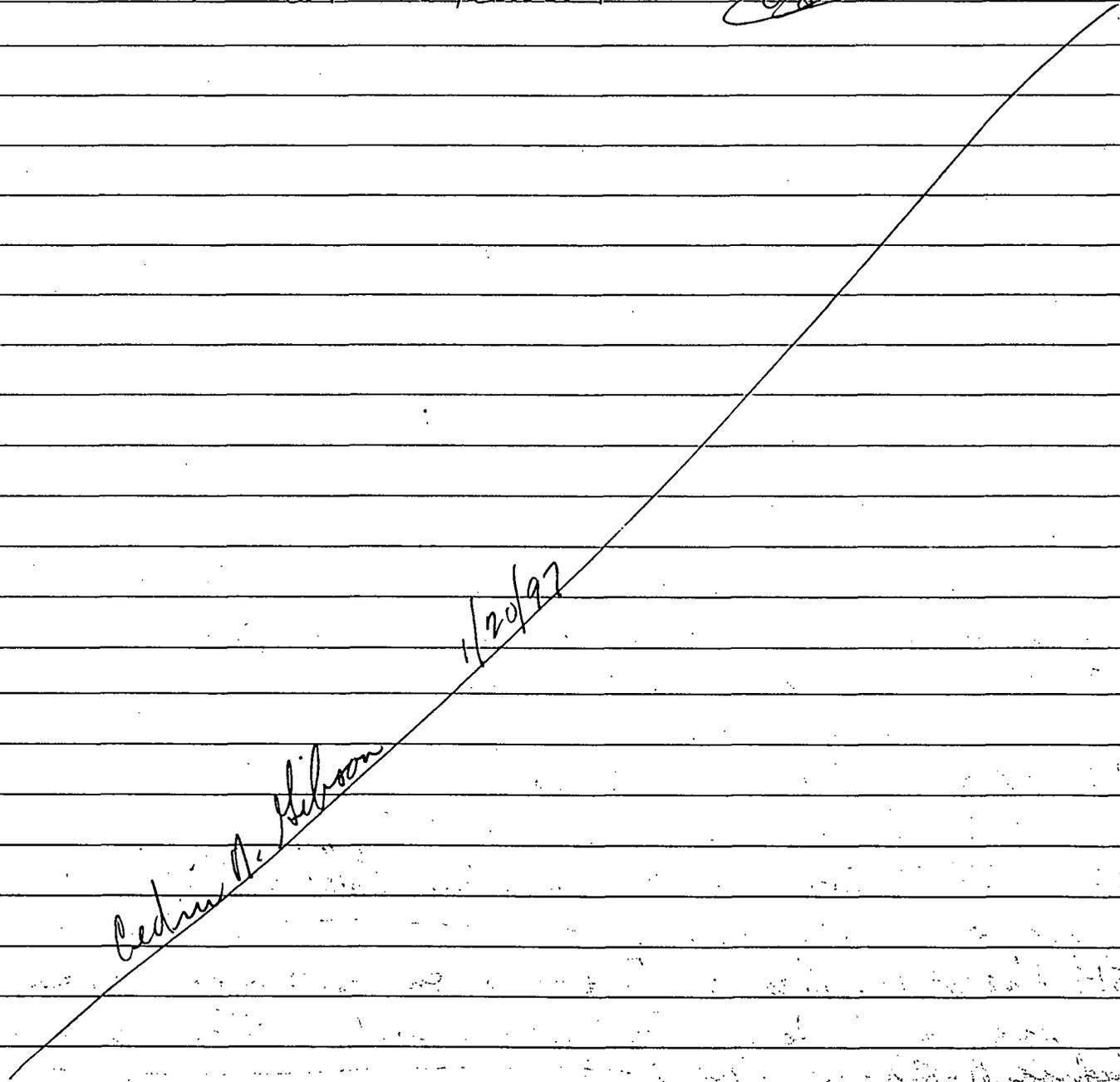
1515(cont'd) goes to the loading dock area to photo document the planer. C.P.

1544 ERCS crew take a break. C.P.

\* Backnote: 1400 STARTM Hattie arrives @ site to go over paper work w/ STARTM Gibson. C.P.

1600 J. Kelly construction on site to repair planer. C.P.

1615 STARTM Gibson leaves the site. C.P.



Cedric D. Gibson

1/20/97

1/21/97 505-9610-001 J. E. Berger

0730 STARTM Gibson arrive @ the JEB site, USCG Stanton and ERCS crew on site. (C.H.)

paper

(C.H.)

Tool box safety meeting. Work tasks include ① continue to plane concrete ② sweep + vacuum floor ③ hook plane to vacuum ④ collect 10 wipe samples ⑤ load non-haz roll off. Physical haz - noise, dust, equipment operations. Chemical haz - PCB. (C.H.)

0800 STARTM Gibson & Hellie enter hot zone to take 10 wipe samples from cement floor inside building. Samples collected as follows:

Sample ID	location		AH
WSLD-01	loading dock	16's 9'W	AH
WS9D-02	grid 9D	10'S, 0'W	AH
WS6A-03	grid 6A	18'S, 12'W	AH
WS6C-04	grid 6C	4'S, 7'W	AH
WS5D-05	grid 5D	14'S, 11'W	AH
WS3B-06	grid 3B	5'S, 8'W	AH
WS1A-07	grid 1A	18'S, 17'W	AH
WS7B-08	grid 7B	11'S, 14'W	AH
WS8C-09	grid 8C	3'S, 12'W	AH
WS10B-10	grid 10B	5'S, 6'W	AH

ERCS crew cleaned spots on floor with water and a scrub brush and then samples were taken. Crew waited to begin work until STARTMs were done sampling. Sampled in level C.

acknote: 0745 Metropolitan environmental on site to pick up 1 full haz box and drop off 1 empty haz and 1 empty non-haz box.

40 STARTMs Hellie & Gibson exit hot zone and fill out CDC and sample labels for wipe samples taken. Logging data in

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logbook. ————— AH

1015 Scotties potties on site ————— AH

1040 Detroit water & sewage <sup>expected</sup> on site ~1100 to check out manhole in Torque Electric Building. Looking at first manhole <sup>4</sup> ~~4~~ <sup>4</sup> down stream of manhole 4. Possibly hooking up automatic sampler - will investigate and take samples. ————— AH

1045 STARTM Gibson makes copies of paperwork needed for the TDD file (C.H.) —————

1105 Metropolitan environmental on site. Returning haz box because it was 17,000 lbs light. ————— AH

1110 Detroit water and sewage on site ————— AH

1125 STARTM Hellie, OSC Anderson, DSCG/Stanton and City of Detroit representative enter the Torq building Reading on microtip in manhole thought to be connected to MTH was 0 ppm. OSC Anderson paced off location of manhole for Detroit water & sewage. ————— AH

1140 Detroit water and sewage leaves the site ————— AH

1450 STARTM Gibson and ERCS foreman enter 2nd level of Doug Best Electric company to measure blue box (C.H.)

1355 J Kelly on site ————— AH

1400 STARTM Hellie working on Receipt log corrections ————— AH

1712 STARTM Gibson leaves the site (C.H.) —————

1900 Crew prepares to exit haz zone equipment is being cleaned & stored in Poly Tank tents (heated) along with light stands. Grids D-1, D-2, D-3, D-10, D-4 are ready for samples first thing 1-22-97 to confirm decontamination

This concludes work for today (planning & recovering dust)

Anne Hellie 1/21/97

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0740 STARTm Hellie arrives on site USCG and ERCS crew on site. Site began at 0700 (START not alerted to changed start time).

Tool box safety meeting: plane concrete floor in warehouse, vacuum concrete floor in warehouse, vacuum standing water and containment as needed, solidify liquid/solid waste drums staged in A2, prep areas for wipe sampling, clean decon area as needed

weather: raining, temp high for day ~ 42°F

backnote: USCG Stanton takes two wipe samples from CRZ and decon area (time approximately 0720)

0800 USCG Stanton enters hot zone to take wipe samples from planned, vacuumed areas. Samples taken from center of completed grids to verify cleanliness. Sample also taken from center of floor in decon area and center of floor in CRZ.

Samples taken are as follows: WSCRZ-1 (contamination reduction zone), WSCORR-2 (corridor) - both taken to check cleanliness of these areas.

CWSD1-1, CWSD2-2, CWSD3-3, CWSD10-4, CWSD11-5 (confirmation wipe samples taken from center of grid to verify decontamination)

0805 STARTm Hellie checking over 1/21/97 1900-55

0850 USCG Stanton exits hot zone and STARTm Hellie filling out COC, sample labels, and logging hot zone sampling in log book

0940 STARTm Hellie calibrating PASSPORT

1000 STARTm Hellie speaking with OSC concerning sampling plan needed for quoprobe activities. Called E+E office to see about getting copy of sample pan from Comet Chrome

1035 STARTm Hellie and USCG Stanton enter hot zone to get sample from MH4 and take air monitoring readings from MH4 and MH1 Sample from MH4 labeled MH4F (manhole 4 float)

Readings: MH4 64.4 organics 20.2% O2  
MH1 4.4 organics 20.3% O2

organics readings taken with microtip AH

1140 Exit hot zone. STARTM Hellie completing LOC and

labeling sample jar AH

1210 Lunch AH

1225 AAC Trinity on site to pick up samples taken earlier in day.

1230 J. Bennett & Sons on site to empty trash dumpster (small red

trash dumpster) AH

1300 STARTM Hellie updating IOL on computer AH

1325 STARTM Hellie leaves site AH

1530 Crew Departs site after continuing to solidify

solids from TCH #1 w/ floor planing dust and

salting accumulated rain water on floors to

prevent freezing; Also placed New drums to

catch rain water pouring off roof to prevent

it from becoming contaminated. D.R.

~~D.R.~~

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AH 0831 STARTM Hellie arrives on site. USCG and ERCS crew on site. STARTM arrived late due to frozen layer of ice on roads topped by continually falling snow. AH

AH backnote: 0700 Toolbox safety meeting: vacuum standing water and containerize, plane concrete floor in warehouse, vacuum concrete floor in warehouse, solidify waste drums. AH

AH Only three workers + foreman in hot zone b/c Jackson has a court problem to deal with and other worker had a car accident.

AH Temp ~25°F, continual flurries, light wind AH

AH 0905 STARTM Hellie reviewing 1900-55 AH

AH backnote: 0745 metropolitan environmental on site to pick up 1 haz rolloff box. AH

AH 0900 Metropolitan environmental leaves site AH

AH 0915 OSC Anderson leaves site for meeting AH

AH 0930 USCG Stanton enters hot zone in level D tox<sup>h</sup> take readings and note crews' progress. Crew vacuuming standing water. Planing planned to start after morning break. Readings as follows:

MH1 0% LEL, 2 ppm Organics, 20.8% O<sub>2</sub> AH

MH4 0% LEL, 47.5 ppm Organics, 20.8% O<sub>2</sub> AH

AH 1010 STARTM Hellie fixing/correcting receipt log AH

AH 1030 City Environmental on site to pick up non-haz rolloff box.

AH 1039 City Environmental leaves site AH

AH 1140 lunch AH

AH 1210 <sup>STARTM Hellie</sup> Back to correcting receipt log AH

AH 1400 USCG enters hot zone to note crews' progress. Crew planing and vacuuming excess water and planing residue

AH 1415 RM informs STARTM Hellie that water pick-up is scheduled for 0800 on 1/24/97 AH

144: 7:45m Hellie updates 10L

AA

155: 8:20m Hellie leaves site

AA

Anne Hellie

Anne Hellie 1/23/97

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AAH 0630 START Hellie arrives on site. ERCS RM, foreman, and security on site. AH

AAH 0700 Tool box safety meeting: planing and vacuuming, work waste drums in poly tank. AH

weather: overcast high ~ 32°F Freezing rain predicted for afternoon

0720 START Hellie correcting receipt log. AH

note: new crew member from Envirostaff on site -> James Johnson. AH

0750 START Hellie kneeling 1900-55. AH

0800 Hi-Po Environmental on site T+D of decon water from boot wash, rain water on floor, left over powerwashing water. AH

0815 J. Kelly on site to chop off double head drum vac. AH

0830 J. Kelly off site. AH

\*backnote: 0800 Hi-Po Environmental truck not inspected upon arrival as told to START Hellie by site RM. AH

1010 Candido Padilla <sup>(ERCS crew member)</sup> exits hot zone because of burn on fingers of right hand obtained by touching hot exhaust pipe of planer. AH

START Hellie and USCG helping him clean and bandage wound. USCG Stanton (EMT trained) judged burn to be second degree and made sure Padilla recieved attention needed. AH

1140 Lunch. AH

1210 START Hellie working on receipt log. AH

backnote: 1100-1200 USCG Stanton enters hot zone. Crew making good progress. SRTs & 1 foreman planing & vacuuming in level C.

1300 START Hellie updating POLREP 9. AH

1415 USCG Stanton enters hot zone in level C to observe progress

M41 2<sup>AAH</sup> 3.5 20.8% O<sub>2</sub> } AH else not unnormal. AH

M44 41.6 ppm organics } AH

Planer broke - propane leak. Drum vac was having problems it kept shutting off. Crew moved neumatic drum vac and began

getting it set up \_\_\_\_\_ AH

1420 START Hellie working on updating receipt log & talking to START <sup>assistant</sup> manager Dieckhaus regarding equipment needed for site and time spent on site \_\_\_\_\_ AH

1530 USCG Stanton and OSC Anderson enter hot zone to discuss work to be completed for the next week while OSC Anderson is away for training. Work plan discussed and noted by USCG. Analytical results for confirmation wipe samples in grids D1-D3, D10 & D11, CR7, corridor, and sewer samples arrive (see COC from 1/22/97) \_\_\_\_\_ AH

1610 STARTm Hellie leaves site \_\_\_\_\_ AH

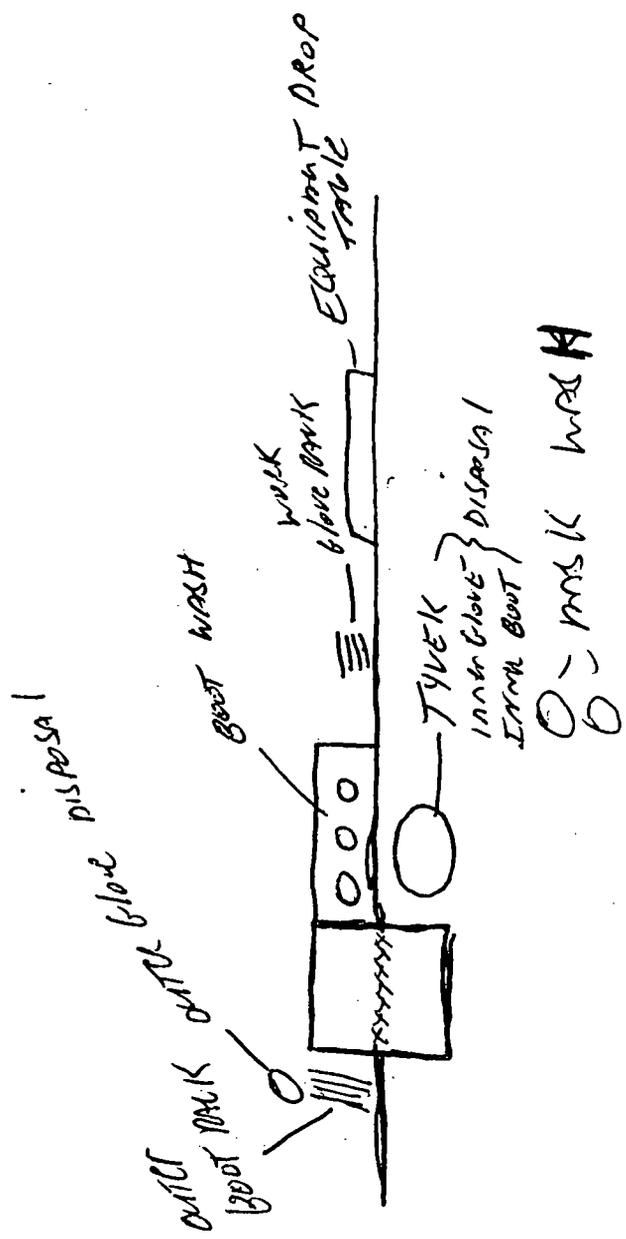
<sup>approx.</sup> 1730 ERCS crew leaves site \_\_\_\_\_ AH

*Anne Hellie 1/24/97*

PIPE

- ① USE 2 PR BLUE GLOVES
- ② USE CHICKA BOOTS INSIDE BOOTS
- ③ TAPE, TAPE, TAPE
- ④ TAKE YOUR TIME!

- ① BUILD W/ 2X2'S (DOME HEIGHT!)
- ② LINE ALL AREAS W/ VISQUEEN & SORBATS
- ③ ADD A WASH
- ④ ADD GLOVE RACKS
- ⑤ MOUL BOOT RACKS
- ⑥ STORE ALL EQUIPMENT ON LOADING DOCK / EQUIPMENT TABLE



**DETROIT/FAIRLANE**



- ① DROP EQUIPMENT
- ② PLACE OUTER GLOVES ON RACK
- ③ ENTER TRIPPLE BOOT WASH  
- BRUSH W/ SOAP - FIRST TWO, THEN RINSE
- ④ ENTER AUTO JOUR AREA
- ⑤ PLACE OUTER BOOTS ON RACK
- ⑥ DISPOSE OF OUTER GLOVES
- ⑦ ENTER INNER DOOR AREA
- ⑧ DISCARD TYVEK
- ⑨ DISCARD CHICKEN BOOTS, STEP OUT
- ⑩ WASH MASK
- ⑪ DISCARD INNER GLOVES

\* Absolutely NO EQUIPMENT PASSED THRU  
DECON DOOR!

3 TECHS - NEW DECON LINE  
3 TECHS - WORK ON CORRIDOR/DECON ROOM  
- BEGIN PLANNING AFTER LUNCH - SAMPLES FIRST

DETROIT/FAIRLANE

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- 0800 STARTm Hellie arrives on site. Protect security on site. — AH
- 0815 STARTm Hellie filling out time sheet — AH
- 0830 Tool Box Safety meeting: USCG Stanton briefing crew on new PPE & decon procedures to reduce contamination in decon room and CRZ. Tasks: cleaning + scrubbing hallway (CRZ) and decon room, PPE storage room because of hot wipe sample results. — AH
- 0845 OSC Anderson calls to check on site. New decon procedures and cleaning efforts discussed/explained by USCG. Per OSC Anderson, all sections must be played first time before sections that were sampled and come back hot are <sup>played</sup> sampled again. — AH
- 0900 STARTm Hellie reviewing 1900-55 — AH
- weather: at 10:00 am 27°F wind chill -1°F, wind 37 knots light snow all day. Heavier<sup>er</sup> snow predicted in afternoon — AH
- 1020 STARTm Hellie updating Receipt log — AH
- 1130 Lunch — AH
- 1200 STARTm Hellie counting PPE/supplies as unloaded to verify receipt. — AH
- 1230 STARTm Hellie & USCG Stanton checking on progress of decon efforts in decon room and hallway. Decon room almost clear. Supplies need to be moved back into decon room & plastic put down. Hallway not yet cleaned — AH
- Note: 1130 ERCS crew member Richard leaves site expressing desire to be released from the project. Exact reason unknown.
- 1345 STARTm Hellie updating receipt log — AH
- 1400 USCG Stanton enters <sup>hallway</sup> hallway and decon room to note crew's progress. Hallway & decon room cleaned. Plastic being put down on floor and decon station being set up — AH
- 1430 STARTm Hellie leaves site — AH
- 1630 Crew leaves site — Anne Hellie 1/25/97 — AH

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0700 STARTm Hellie arrives. USCG + ERCS crew on site — AH

0740 STARTm Hellie + USCG Stanton take wipe samples from decon room. CRZFLR-1 is wipe sample from cement floor in decon room. CRZPAD-2 is wipe sample from padding put down over floor in decon room. Samples taken to check PCB levels on floor of decon room + confirm no PCB contact for crew in decon room — AH

0845 Tool box safety meeting: finishing set up of decon areas and hall way Prep areas D4, 5, 6, 8, + 9 for sampling. Cover areas already planed. Vacuum + plane concrete floor. Roof is collapsing in areas 1-5 (approximately) — AH

weather: 30°F high, snow predicted in afternoon — AH

0915 STARTm Hellie reviewing 1900-55 — AH

1000 STARTm Hellie updating BOL and receipt log — AH

1130 Lunch — AH

1200 STARTm Hellie updating receipt log — AH

backnote: <sup>0900</sup> ERCS crew finishing set up of decon area and hall way as well as decon buckets/wash area — AH

backnote: 0845 Tool box safety meeting started late because

1315 STARTm Hellie and USCG Stanton enter hot zone to take confirmation wipe samples in grids D4, D5, D6, D8, + D9. Also took readings: in MH4 4.6 organics, MH1 4.9 organics. All other readings were zero except oxygen which was normal (~20.2).

New boot wash + decon line seems to be very successful. ERCS crew has finished cleaning + setup of decon + clean area.

1430 ERCS crew vacuuming dust that has settled on clean areas and planing D7/other areas — AH

1450 AAC Trinity man (Phil) arrives to collect morning + afternoon samples — AH

-AH) 1500 Moderate snowfall begins ————— AH  
 m 1515 RM Parquette shoveling snow with Bobcat ————— AH  
 in 1530 START m Hellie leaves site ————— AH  
 t 1800 Crew leaves site ————— AH

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1/28/97 505-9610-001 J.E. Berger

0700 START Hellie arrives on site. ERCS crew on site — AH

Tool box safety meeting: plane grids DT, AB, A9, A10. Goal will be to complete a minimum of 4 grids a day. Vacuuming up dust. Overhead hazards from roughly 5' back. Discussion of planer problems. Problems will be fixed ASAP. More crew members will be arriving this afternoon — AH

Weather: mid 20's, wind chill ~ 0°F, wind ~ 40mph light snow fall in morning some sun in afternoon — AH

0730 START Hellie updating PPE tracking — AH

1020 START Hellie & USCG Stanton enter hot zone. Take size measurements of all areas currently or previously worked in. Took wipe samples on second and third floors: — AH

CWSFL3S-11 (confirmation wipe sample floor 3 south - 11th confirmation wipe sample)

CWSFL3N-12 (confirmation wipe sample floor 3 north) — AH

CWSFL2-13 (confirmation wipe sample floor 2) — AH

Third floor south is third floor room with hole in floor & railing.

Also photographed collapsing roof, planed & covered areas, ERCS crew member using planer — AH

1140 START Hellie logging hot zone entry and reviewing 1900-55

1200 Lunch — AH

1230 Continue reviewing 1900-55 — AH

1330 START Hellie updating PPE tracking — AH

1430 START Hellie & USCG Stanton speak to OSC Anderson concerning ceiling limits for dollars for site — AH

1500 START Hellie continuing/completing PPE tracking — AH

1600<sup>AH</sup> START Hellie leaves site — AH

1800 Crew leaves site — AH

Anne Hellie 1/28/97

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AH 0700 START Hellie arrives on site. USCG & ERCS crew on site — AH

11 Safety Meeting: Plane concrete (grids A5 & A6), vacuum floor, cover grids with visqueen when completed, salting as needed, maintain clean decon room. Hazards: moving equip, grinding wheels, noise, ice & wet surfaces, cold stress, & overhead hazard — AH

H backnote: 1/28/97 crew finished solidifying drums and planing A9 and A10, were working on D7 upon leaving site on 1/28 — AH

H <sup>0730</sup> 0800 START Gibson arrives on site to help with geoprobe operations.

H weather: sunny, very cold ~ 3°F, very little wind — AH

ments 7 techs on site, 1 RM, 1 foreman, 1 clerk, 1 USCG, 2 STARTms.

on 0800 2 Fibertech geoprobe personnel on site — AH

AH 0812 Hull brothers on site to drop off planer — AH

Throttle frozen on planer, sending it back — AH

AH 0815 START Hellie reviewing 1900-55 — AH

AH 0830 START Hellie speaks with OSC Anderson concerning sampling. Depth of MHI to be measured by geoprobe as well as water from last few (bottom few) feet of water in MHI — AH

AH backnote: 0815 One of the personnel from <sup>Fibertech AH</sup> Hull Brothers brought respirator to site but did not bring cartridges and cartridges on site do not properly fit his respirator. Working on getting cartridges for him before he can go in hot zone (level C work b/c of planing). Cartridges were purchased & arrived for him at approximately 0900.

ring AH 0900 START Hellie calls E+E office to check on how to change TDD Amendment. An amendment was submitted in January but no copy of it on site so it's being faxed to site. Possibly, it will not need to be changed. — AH

AH 0915 START Hellie calling Chicago E+E office to get labor breakdown to note overtime hours to site. Chicago faxing breakdown to site.

AH 0930 START Hellie working on updating receipt log — AH

0935 National Business machine on site to repair copier — AH

1015 STARTM Hellie calculating overtime hours to site thus far — AH

1055 STARTM Hellie making up list of sample codes for RM parquette. — AH

Hull brothers brought plauer back out to site. It's running but, having trouble getting it adjusted. Credit of \$35 given by Fibertech because of forgotten cartridges and credit for second Fibertech employee that did not show up will be given to site. — AH

backnote: 0900 STARTM Gibson and Fibertech personnel and USCG Stanton enter hot zone to begin taking geoprobe samples (grids A1, A2, B1, B2)

— AH 1045 USCG exits hot zone — AH

1230 lunch — AH

1300 STARTM Hellie updating receipt log — AH

1400 STARTM Hellie enters hot zone to witness and participate in taking geoprobe samples. Some areas cement is too thick, so samples could not be taken. Sampling going slowly because only one Fibertech man is working the geoprobe. He must stop and decon his sample tubes every fourth sample because he only has four tubes. — AH

1600 STARTM Hellie exits hot zone — AH

1615 STARTM Hellie leaves site — AH

1720 STARTM Gibson exits hot zone and decon sample jars.

STARTM Gibson completes labeling samples and filling out the chain of custody. — AH

1800 STARTM Gibson leaves the site — AH

backnote: 1430 Broken fuel line causes ERCS crew to be back to only one plauer. Fixed around 1530. — AH

— AH 1800 crew leaves site — AH

backnote: 1000 Geoprobe Anne Dellie 1/29/97

— MHT depth 19" — AH

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- AA 0800 STARTM Hellie arrives. ERCS crew on site. ————— AH
- AH Safety Meeting: Plane concrete floor C1 to C-5, D-7; sweep and vacuum floor, containize; cover completed areas with visqueen.
- AH ing IRM 1 foreman, 1 clerk, 7 techs on site ————— AH
- 1115 STARTM Hellie filling out COCs for geoprobe samples and water/sludge taken from MHI ————— AH
- AH 1150 J. Kelly arrives on site with a planer. Now 3 planers in use.
- 1115 STARTM Hellie reviewing 1900-55 ————— AH
- 2) 1145 STARTM Hellie filing paperwork ————— AH
- AH 1015 AAC Trinity on site to pick up geoprobe samples. One liter of water is needed from sewer to detect PCBs, so water sample not taken by AAC Trinity. Picked up wipe samples from site. 1/29 also ————— AH
- so 1030 AAC Trinity leaves site with samples ————— AH
- only backnote: weather high ~ 29°F, mostly cloudy ————— AH
- ed 0900 ERCS Richard Dalton hurt/pulled his back while operating a planer ————— AH
- y
- # 1105 Clerk ~~Ford~~<sup>AH</sup> Tom taking ERCS tech Dalton offsite to see a doctor concerning his back pain ————— AH
- AH 1115 STARTM Hellie updating 101 ————— AH
- H 1125 STARTM Hellie updating receipt log ————— AH
- s. 1130<sup>STARTM Hellie</sup> Making corrections to COC (numbered incorrectly because STARTM Hellie numbered consecutively a STARTM gibson, who labeled jars, numbered differently. see COC from 1/29 for Geoprobings) ————— AH
- AH
- re 1140 Lunch ————— AH
- AH 1210 START Hellie<sup>USCG</sup> venters hot zone to take samples from planed & vacuumed grids D7, A5-A10. Level D entry because crew was on break for lunch. ————— AH
- AH 1250 STARTM Hellie updating receipt log ————— AH

1415 STARTM Hellie leaves site ————— AH

1415 ERCS crew member Dalton ~~to~~<sup>to</sup> returns to site ————— AH

1730 Crew leaves site ————— AH

~~Anna Hellie 11/30/97~~

1/31/97 J.E. Berger S05-9610-001

AH 0700 STARTM Hellie arrives on site. USCG & Smith crew on site.

-AH 1 PM, 1 Foreman, 7 techs, 1 clerk ————— AH

-AH safety meeting: Finish planing A3, start C4-C9. Vacuum dust and cover with visqueen when grids are finished. Level C PPE for all tasks ————— AH

weather: mid 30's, snow/sleet / freezing rain, wind chill 15°F — AH

0830 STARTM Hellie and USCG Stanton enter hot zone to take <sup>wipe</sup> samples from grids A4 and C1-C3, to take bottom water samples from MH1 and to do air monitoring in manholes. Readings are as follows: ————— AH

MH1 4 ppm organics 20.1% O<sub>2</sub> everything else = 0

MH4 40 ppm organics 20.1% O<sub>2</sub> everything else = 0

0840 Drive belt on planer breaks and propane powered planer will not start. One planer working on B. Photodocumentation also taken in hot zone by start Hellie. — AH

0915 Hellie and Stanton exit hot zone ————— AH

0930 Hull Brothers on site to fix propane planer ————— AH

backnote: 0830 Electrician on site to look at transformers in Torq building. ————— AH

0930 STARTM Hellie filling out COC for samples and updating log.

1015 AAC Trinity on site to pick up samples for analysis — AH

1045 Electrician leaves site - power is secured in transformer room.

Hull Brothers leaves site - planer is up and running. J. Kelly on site to drop off third planer. ————— AH

STARTM Hellie updating receipt log ————— AH

1105 STARTM Hellie reviewing 1900-55 ————— AH

J. Kelly on site to pick up broken planer and drop off another.

1130 Scott's potties on site to pump porta jons and J. Kelly off site. 3 planers up and running ————— AH

29.  
1245 Lunch

AA

1315 STARTM Hellie updating receipt log

AA

1435 STARTM Hellie leaves site

AA

1730 ERCS crew leaves site

AA

~~Anne Hellie 1/31/97~~

2/3/97 J.E. Berger S05-9610-001

- 1/4 8:45 STARTM Hellie arrives on site. ERCS crew on site.
- 9:00 Safety Meeting: Planning B9 + B10, vacuuming & sweeping floor, cover completed areas with visqueen, decon and stage diesel fuel tank. ——— AH
- 9:15 weather: high ~ 40°F, light wind ——— AH
- 9:30 STARTM Hellie filing and updating 10L ——— AH
- 9:40 STARTM Hellie updating receipt log ——— AH
- 9:50 STARTM Hellie filling out timesheet ——— AH
- 10:05 A & E Plumbing at site dropping off bid for more more ——— AH
- 10:15 STARTM Hellie updating receipt log ——— AH
- 10:30 STARTM Hellie checking on costs & ceiling hours for site ——— AH
- 10:50 Hellie finding analytical results for sewers. ERCS crew vacuuming B9 and to begin planing B10 shortly (per Grillmar tin) ——— AH
- 11:05 STARTM Hellie reviewing 1500-55 ——— AH
- 11:45 STARTM Hellie views crew's work through decon room window. 2 planers running. Belt snapped this morning on one of the planers. Hull Brothers scheduled to come pick it up in the afternoon. Crew planing B9. One tech out of hot zone doing site support activities and helping RM take samples at Comet site down street ——— AH
- 12:10 Hellie updating receipt log ——— AH
- 12:30 lunch ——— AH
- 12:50 Hellie updating receipt log ERCS crew planing B10 and part of C10. <sup>B11</sup> AH. 3 planers running ——— AH
- 1:00 Crew finishup sweeping grids and planing part of C10. 2 planers running because crew was having trouble containing dust when 3 were running. ——— AH
- 1:15 STARTM Hellie leaves site ——— AH

Anne Hellie 2/3/97

2/4/97 J.E. Berger SDS-9610-001

0700 STARTM Hellie arrives on site. ERCS crew on site. 7 techs, 1 PM, 1 fireman, 1 clerk, & SMITH contract manager — AH

Tool box safety meeting: plane concrete floor, vacuum, cover completed areas with visqueen, vacuum & containerize standing water, prep areas for sampling, cover all sewers & openings so no water drains into them. All tasks level C — AH

Weather: high ~35, rain predicted all day. Moderate wind.

0730 STARTM Hellie updating receipt log — AH

0845 Heavy rain begins — AH

0945 STARTM Hellie, OSC Anderson, & PM Parquette enter hot zone to check out geoprobe sample locations. Crew going on break. Crew was vacuuming standing water and containerizing/dRAINING water from roof caught in drums.

Planning on planing loading dock area b/c it's fairly dry — AH

1015 Exit hot zone. STARTM Hellie reviewing 1900-55. — AH

1100 STARTM Hellie discussing POLREPS with OSC, working on POLREP 9.

1115 J. Kelly on site to drop off propane planer. Now 4 planers on site. Crew is planing on starting all planers up to make sure they are working. — AH

1245 Lunch — AH

1315 crew planing loading dock area. One planer running. Over lunch break poly tent collecting water collapsed due to heavy rainfall. Crew also vacuuming & pumping <sup>clean</sup> water into sewer system. — AH

START Hellie entering receipt log data — AH

1415 START Hellie making scaled map of geoprobe sample locations in grids A1, A2, B1, & B2. — AH

1500 STARTM Hellie making photocopies of COCs to be filed w/ analytical results, photocopying current site safety plan amendment to be signed for signature. — AH

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1550 STARTM Hellie enters hot zone to take reading from manholes  
 photo document. Crew breaking. ————— AH  
 MH1 19.9% O<sub>2</sub> 2.6 ppm organics all else = 0 ————— AH  
 MH4 19.9% O<sub>2</sub> 35.3 ppm organics all else = 0 ————— AH  
 1550 Crew enters hot zone. Done planing part of loading  
 dock, vacuuming dust & standing water, emptying containerized  
 water by draining into sewer ————— AH  
 1700 STARTM Hellie leaves the site ————— AH  
 1730 ERCS crew leaves site ————— AH

Anne Bellie 2/4/97

2/5/97 J.E. Berger 305-9610-001

0650 STARTM Hellie arrives on site. ERCS crew on site. 7 techs, 1 EM, 1 foreman, 1 clerk. ————— AH

Safety meeting: plane concrete floor in warehouse A2, and half of C6-8, sweep & vacuum concrete floor, cover completed areas of floor with visqueen, vacuum & containize standing H<sub>2</sub>O, cut concrete around MHI in A-1 with concrete saw, Dean Hull Bros. 35

HP planner. ————— AH

weather: high ~40°F, drizzle, moderate wind ————— AH

0730 Crew vacuuming C grids and A2. Overnight standing <sup>vain AH</sup> water accumulated on floor & overflowed drums. START Hellie updating POLREP 9. ————— AH

0900 STARTM reviewing 1900-55 ————— A

1200 Detroit Edison on site ~~and~~ investigating transformers. Checkin on history of transformers and if they have any responsibility for them ————— A

1230 Lunch ————— AH

1300 updating POLREP 9 (START Hellie) ————— AH

backnote: 1050 START Hellie and OSC enter hot zone to mark off and measure area of concrete around hot geoprobe location to be removed.

Also go through files in upstairs of building to get files of American Induction Heating correspondence with J.E. Berger ————— AH

————— AH 1300 Hull Brothers on site to drop off walk behind saw — A

1345 Atlas Dil Co. on site to remove tank found in building ————— A

1415 RM Parquette and OSC conference about funds for Smith and what days to work. Due to cost restraints most of crew demobing tonight after work. Tomorrow 2/5 Gillmartin & 1 tech on site to finish cutting concrete and demobe concrete cutter (also 1 clerk on site). ————— AH

1600 START Hellie enters hot zone. Crew doing cleanup and preparing

demob site for weekend - decon equipment and put things away.

Readings taken in manholes: \_\_\_\_\_ AH

MH4 12.2 ppm volatiles <sup>organics AH 20.7% AH</sup> 28.7% O<sub>2</sub> \_\_\_\_\_ AH

MH1 3.5 ppm volatiles <sup>organics AH 20.7% AH</sup> 28.7% O<sub>2</sub> \_\_\_\_\_ AH

17:00 STARTM Hellie exits hot zone \_\_\_\_\_ AH

Parquette, Padilla, & Pena leave site to catch flight home for weekend (leaving due to demobing for weekend) \_\_\_\_\_ AH

17:15 STARTM Hellie leaves site \_\_\_\_\_ AH

18:00 Crew leaves site \_\_\_\_\_ AH

*Anne Hellie 2/5/97*

2/6/97 J.E. Berger SOS-9610-001

0700 STARTM Hellie arrives on site. 1 clerk, 1 foreman, 1 tech from Smith crew on site ——— AH

weather: 35° wind chill 14°, cloudy becoming partly sunny

0730 STARTM Hellie packing up USCG Stanton's forgotten warm suit to be Fed Expressed to him and renewing 1900-55.

Grillmartin & Medchuk (Smith foreman & tech) filling all equip. fuel tanks and preparing to begin cutting concrete. Decon water disposal co. scheduled to arrive around 0800 — AH

0830 STARTM Hellie e-mails POLREP 9 ——— AH

Not able to get through, will try again at E+E later in day.

0840 HIPO onsite to pump decon water and transport to City Environment

0930 J. Kelly onsite to pick up planer. STARTM Hellie updating waste manifest tables. ——— AH

0945 HIPO leaves site ——— AH

1030 STARTM Hellie & OSC enter Torq building to take oil samples from transformers 1-5 and wipe samples from various areas of the transformer room. 5 oil samples, 2 dust samples, & 7 wipes taken.

See COC from 2/6 for sample IDs and locations. Hellie also documented Grillmartin cutting cement around MHI with walkbehind saw and took readings in MH4: <sup>AH</sup> 26.4 ppm organics 20.8% O<sub>2</sub> ——— AH

1215 STARTM Hellie and OSC exit hot zone. ——— AH

1230 STARTM Hellie filling out COC and deconning sample jars ——— AH

1300 lunch ——— AH

1330 STARTM Hellie & OSC using Clor-n-oil kits to test PCB content of samples — AH

1430 STARTM Hellie entering 215 1900-55 in receipt log & updating IOL.

1535 STARTM Hellie leaves site ——— AH

1545 Grillmartin & Medchuk (Smith crew) leave site ——— AH

Anne Bellie 2/6/97

97 J.E. Berger S05-9610-001

- STARTM Hellie arrives on site. ERCS crew on site since 0700.
- Meeting: plane concrete floor A-9, A-10, D-9, D-10, vacuum  
 or, remove standing water and containerize. Hazard watch floor  
 grid A1 (where cement was wt) ————— AH
- Weather: ~25°F, light snow, partly cloudy ————— AH
- STARTM filing paperwork and organizing according to tasks — AH
- Hellie figuring out new computer brought in by OSC Anderson
- Hellie rekeying 1900-55. ————— AH
- Disconnecting new computer and trading for OSC's so START can  
 work on computer w/ microsoft 5.1. Also copying receipt log from old  
 computer onto a large disk to be transferred to a 3 1/2" at the office.
- Hellie updating receipt log from 2/10 ————— AH
- 1145 Hellie updating waste manifest tables. Crew planing (only using two  
 planers because when using 3, they were running into each other - per  
 Bill Gillmartin). ————— AH
- 1145 Hellie making copies of COCs to be put w/ analytical & discussing analytical  
 tables with OSC. ————— AH
- 1220 OSC leaves site for meeting, may or may not return in afternoon — AH
- 1245 Lunch ————— AH
- 1315 Hellie back to ~~making~~<sup>AH</sup> updating analytical tables (from 1145) ————— AH
- 1345<sup>AH</sup> START Hellie updating receipt log (entering 1900-55 from 2/10) — AH
- 1415 J. Kelly on site to repair broken belt on planer ————— AH
- 1435 Planing stops temporarily b/c Kelly personell on loading dock w/o respirator
- 1445 STARTM Hellie leaves site ————— AH
- 1445<sup>AH</sup> ERCS crew leaves site ————— AH

Anne Hellie 2/11/97

2/12/97 J.E. Berger SOS-9610-001

- 2 0710 STARTM Hellie arrives on site. ERCS crew on site — AH
- 0 Safety Meeting: plane grids D-6, D-7, D-9, D-10, sweep & vacuum floor, cover with visqueen, vacuum standing water and — AH
- containize, snow removal & salt areas as needed. — AH
- 0 weather: ~23°F, <sup>high ~29°F</sup> 1" snow overnight and still snowing in morning.
- 0730 ERCS crew completed replaning grids A8, A9, & A10 — AH
- per foreman Brillmartin — AH
- 0800 STARTM Hellie reviewing 1900-55 — AH
- 0830 STARTM Hellie discussing planing & sampling with OSC. More sample jars will eventually be needed. Hellie waiting for OSC's OK to get more ordered. Sampling will wait until at least next week - per Anderson.
- 0 0900 STARTM Hellie making analytical tables for Transformer room, Geoprobe PCB results, and manhole results. — AH
- backnote: metropolitan environmental on site to drop off empty roll-off box. Also moved full box to in front of Torg building so dew can plane in loading dock areas. (off-site ~ 0915) — AH
- 1035 Matika Electric on site to inspect electrical outlets (off site ~ 1051)
- 1103 A+E Plumbing on site to drop off equipment (compactor, compressor, 580 backhoe, chainsaw) for manhole removal to take place on 2/13/97.
- 1115 STARTM Hellie enters to <sup>AH</sup> decon room to observe crews activities.
- Crew planing in D area and moving bags of swept planing debris to roll off. — AH
- 1230 Lunch — AH
- 1300 STARTM Hellie finding analytical data for OSC & correcting anal. tables
- 1325 STARTM Hellie making manhole analytical table
- 1423 STARTM Hellie enters hot zone in level C to observe crew, photodocument activity and take manhole readings. mTH: 16.4 organic 20.4% O<sub>2</sub>.
- Crew planing in D area and preparing to plane in loading dock area.
- 1707 STARTM Hellie leaves site — Anne Hellie 2/12/97

2/13/97 J.E. Berger SDS-9610-001

- 0700 STARTM Hellie arrives on site. ERCS crew and A+E plumbing on site. ——— AH
- Safety Meeting: plane dock bay #3, C6, C7, C8, & B4 (half of grids) sweep and vacuum concrete floor and cover completed areas with poly, load waste in roll off boxes, heat snow pile in C5, house keeping. ——— AH
- weather: 10°F at 0700, high of 29°F predicted, partly sunny. ——— AH
- 0710 STARTM Hellie enters hot zone before crew begins planning to taking readings of manholes. MH1 0 organics 20.4% O<sub>2</sub>, MH4 83.5 organics, 20.4% O<sub>2</sub> (microtip was acting strangely so readings may be inaccurate). STARTM entered in level D. ——— AH
- 0740 A+E Plumbing enters hot (4 personnel) zone to begin removal of MH1 and contaminated dirt. ——— AH
- 0815 Detroit Edison on site. STARTM Hellie takes him over to TDRA building to look at transformers. START also documented information on transformer tags. OSC arrived and came into building around 0830. ——— AH
- 0915 START Edlinger arrives on site to discuss JACO site with OSC.
- 0940 STARTM Hellie updating reviewing 1900-55. ——— AH
- 1000 STARTM Hellie enters hot zone to take readings from excavation area: <sup>0 AH</sup> MH1: 4 organics 20.7% O<sub>2</sub> MH4: 14.4 organics 20.7% O<sub>2</sub> and photodocument excavation progress. ——— AH
- 1100 STARTM Hellie Making changes to PCB bioprobe analytical table. Encountering difficulties making changes OSC requested, unfamiliar with Wordperfect 6.1. ——— AH
- 1230 Lunch. ——— AH
- 1300 START Filing paperwork and updating log book
- 1400 START Hellie enters hot zone in level C to photodocument excavating being done by A+E Plumbing. START also air monitoring around hole - now in level D. Generally, readings on PID was 0. Upon lifting

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J.E. Berger

Some dark colored soil out of hole readings briefly fluctuated up to 45 ppm, then readings dropped rapidly. STARTM also helped PM Parquette & A+E crew collect soil samples from the excavation pit. ————— AH

PNH - Pit, north wall, 1<sup>st</sup> sample ————— AH

PS-2 - Pit, south wall, 2<sup>nd</sup> sample ————— AH

PB-3 - Pit, bottom, 3<sup>rd</sup> sample ————— AH

PV-4 - Pit, dark vein in north wall, 4<sup>th</sup> sample ————— AH

1600 START Hellic exits hot zone and fills out CDC for samples, decon samples, & update log book ————— AH

1700 START updating Receipt log ————— AH

1745 START Hellic & crew leave site ————— AH

\*backnote 2/9/97 1600 Electric fire above Smith trailer. Security guard heard popping sounds. Fire department was called as was Detroit Edison. Gilmartin and Medchuk of Smith on site from 1630-1715 to inspect fire area and investigate. Gilmartin, <sup>AH</sup>Med Parquette, Padilla, & Peña on site 2100-2215 to check on site and investigate electrical problem, make sure things were safe and taken care of. ————— AH

~~Anne Hellic 2/13/97~~

2/14/97

J.E. Berger

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0700 STARTM Hellie arrives on site. ERCS crew and A+E plumbing on site. ——— AH

Safety Meeting: Decon all equipment, backfill and compact excavation pit with dirt, load supplies in trailer, load rental equipment, demobe from site. ——— AH

Weather: light snow last night, high ~ 32°F, chance of snow — AH

0730 STARTM Hellie updating IOL, reviewing 1900-55 and clarifying question on 1900-55 with ERCS clerk ——— AH

0930 AAC Trinity on site to pick up soil samples ——— AH

0940 BSC Trucking company on site to drop off loader and dump truck for A+E to use to backfill excavation hole ——— AH

1000 STARTM Hellie enters hot zone to observe A+E backfilling excavation hole. Loading dump truck with dirt outside hot zone was still proceeding when START entered hot zone (approx 20 min). Dump truck would not fit into entryway to hot zone. Bobcat is now being used to load dirt into hole. STARTM also <sup>air</sup> monitoring. O<sub>2</sub> readings around excavation hole and approx. 1' into hole. O<sub>2</sub> level = 20.4%. MH4 O<sub>2</sub> 20.7%, 6.6 organics. When bobcat began moving dirt into zone, poly was getting torn up and cement dust bags run over/nipped up. STARTM and crew member I. Pena moving bags and adjusting poly to minimize contamination of planned sections of concrete floors. ——— AH

1130 Detroit Edison on site to inspect electrical lines. Determined that reason for fire on ~~2/14~~<sup>2/10AH</sup> was that the joint line connecting Medsker building with neighboring building was too long and not fused so it could not handle the load being put on it. Per PM Parquette Detroit Edison cut power to one of the adjacent buildings. — AH

1200 STARTM exits hot zone. Updating POLREP10. ——— AH

J.E. Berger S05-9610-001

1230 Lunch ————— AH

1300 STARTM updating POLREP 10 ————— AH

1400 STARTM Hellie tracking PPE to be returned to Smith warehouse from Berger and brought out for Comet Chrome. ————— AH

1430 OSC, STARTM Hellie, RM Parquette, & RM Hinds go down to Comet Chrome to discuss work to be done, decon procedures, equipment needed. ————— AH

1530 STARTM Hellie attempting to print out POLREP 10 for review. Unable to print due to cartridge running out of ink. Will print document at E+E office. ————— AH

1615 STARTM Hellie leaves site ————— AH

1620 OSC Anderson enters hot zone to check on progress. Stock pile covered. Excavation pit backfilled to base of slab.

~~Anne Hellie 2/14/96~~

2/17/97 J.E. Berger S05-9610-001

H.W. 0700 STARTM Hellie arrives on site. EBSS crew on site AH

AH Safety Meeting: Review health & safety plan and amendment 1, discuss scope of work, site walk through - mark areas to be saw cut, start concrete breaking, spot rolloff boxes. AH

to 1045 STARTM Hellie reviewing 2/14 1900-55. Above entry accidentally entered in Berger log book instead of Lomet Chrome log book.

AH 1145 Lunch AH

W. 1215 STARTM making corrections to POLREPID and filing 1900-55.

11 1250 STARTM Hellie doing PPE tracking AH

AH 1335 STARTM Hellie updating receipt log AH

AH 1340 Cadillac Fence on site to repair damaged fence AH

ck backnote: 2/15/97 Robbery/break-in on site. Fence securing west side of J.E. Berger was cut and one light stand was taken AH

AH 2/14/97 Detroit Edison contacts DSC - transformers were owned by building owner, not by Detroit Edison. AH

1650 Commander Hertz, Protec Security visited the site & explained that he instructed guards on duty to inform <sup>ABA</sup> site management of their arrival to site 2-17-97. He also requested that the loading dock ~~not be~~ <sup>OR9</sup> light stand be eliminated. This would make security easier for his staff.

Anne Hellie 2/17/97

2/18/97 SOS-9610-001 J.E. Berger

1015 STARTm Hellie reviewing 1900-55 dated 2/18/97 AH

1045 STARTm Hellie updating receipt log AH

1100 STARTm Hellie discussing photolog completion with OSC Anderson and STARTm Gibson AH

1130 STARTm Hellie updating 10L AH

1200 Lunch AH

1230 STARTm Hellie filing paperwork AH

1330 STARTm Hellie doing cost tracking AH

1415 STARTm Hellie completes pre-wipe analytical tables to date AH

1540 STARTm Hellie leaves site

Anne Hellie 2/18/97

2/19/97

S05-9610-001 J.E. Berger

1400 STARTm Hellie working on updating daily cost tracking.

1500 STARTm Hellie leaves site AH

*A me Hellie 2/19/97*

2/20/97 SOS-9610-001 J.E. Berger

1100 START m Hellie working on sample plan ——— AH

1215 Lunch ——— AH

1245 START m Hellie working on geoprobe sample plan ——— AH

1630 START m Hellie leaves site ——— AH

~~Anne Hellie 2/20/97~~

2/21/97 305-9610-001 J.E. Berger

- 4H 0900 STARTM Hellie reviewing 1900-55 ————— AH
- 4H 0935 STARTM Hellie working on sample plan ————— AH
- 4H 1000 STARTM Hellie continues on sample plan work ————— AH
- 4H 1400 STARTM Hellie updating receipt log, filing paperwork, updating 10L. ————— AH
- 4H 1535 STARTM Hellie filing paperwork and putting away things that have been removed from JEB files. ————— AH
- backnote: 1145 STARTM Hellie completes geoprobe sample plan
- 1645 STARTM Hellie leaves site ————— AH

Anne Hellie 2/21/97

2/24/97

SES-9610-001

J.E. Berger

0930 STARTM Hellie making analytical tables for flashpoint, TCLP metals, & volatiles results <sup>AAH</sup> from geoprobe samples — AAH

1045 STARTM Hellie making analytical table for initial wipe samples — AAH

1130 Detroit Edison on site to hook up power to medical building

1330-1400 Lunch — AAH

1400 STARTM Hellie completing initial wipe analytical table — AAH

1615 STARTM Hellie leaves site — AAH

~~Anne Hellie 2/24/97~~

2/25/97 S05-9610-001 J.E. Berger

LP AH AH  
0800 STARTM Hellie correcting 10L due to previous incorrect charging rate (\$38/hr was being charged - OSC wants \$30/hr to be charged) and indirect charge of \$65/hr not being included in EPA daily tally. AH

29. AH AH AH  
1345 STARTM Hellie updating daily costs from beginning of site work to include EPA indirect costs. STARTM Hellie also discussing changes to sample Plan with OSC Anderson AH

AH AH  
1600 STARTM Hellie leaves site AH

~~Anne Hellie 2/25/97~~

2/26/97 505-9610-001 J.E. Berger

0745 STARTM Hellie updating daily costs & (DL

backnote: 2/25/97 1645 Commander Hicks on site (from Protech) to install clock keys on site. Clocks log guard's check in different areas. Guard inserts & turns key to log his presence. Installed to insure guards are making rounds every 15 minutes. Two clocks installed. One at each end of gate outside of loading dock area. One clock to be installed 2/26/97 on electrical post outside trailers.

1215-1245 Lunch

1300 STARTM Hellie updating daily costs / DL

1545 STARTM Hellie updating daily costs / DL

1700 STARTM Hellie leaves site

~~Anne Hellie 2/26/97~~

2/27/97 505-9610-001 J.E. Berger

0915 STARTM Hellie correcting daily costs / 10L AH

1230-1300 Lunch AH

~~1300~~<sup>1400</sup> Correcting costs / 10L AH

1430 STARTM Hellie discussing areas to be planed with BM

Hinds and OSC Anderson. Also discussing sample map

corrections with OSC AH

1600 STARTM Hellie off site AH

AH  
AH  
AH  
AH  
AH

Annex Hellie 2/27/97

3/3/97

SOS-9610-001

J.E. Berger

0730 STARTM Hellie on site. ERCS crew on site. 6 techs,  
1 foreman, 1 RM, 1 junior RM.

Safety Meeting: ship and load roll offs, plane concrete, sweep and  
vacuum floor. PCBs are chemical hazards

0745 STARTM Hellie counting PPE brought to site by Smith

0822 Hull brothers on site to deliver planer

0915 Metropolitan on site (2 trucks) to pick up two full roll-off  
and drop off two empties.

STARTM Hellie enters hot zone to monitor mH4 all reading  
on PASSPORT are 0. Crew vacuuming up standing water on floor  
and lining new roll-offs with poly.

0930 J. Kelly on site to drop off planer

1000 STARTM Hellie exits hot zone. Working on estimation of hours  
needed to close out Berger site.

1025 Metropolitan off site with full roll-offs

1200 STARTM Hellie reviewing 2/28/97 1900-SS

~~1230-1300~~ Lunch

1330 STARTM Hellie making 10cm sq. sample guides.

1400 STARTM Hellie enters decon to observe crews progress and  
discuss sampling various grids with foreman. One crew member  
preparing various grids for sampling. Rest of crew pumping  
standing water and removing stockpiled dirt and cement.

1500 STARTM Hellie enters hot zone to take confirmation wipe  
samples.

1600 STARTM Hellie leaves site

Anne Hellie 3/3/97

3/4/97

S05-9610-001

J. E. Berger

0650 STARTM Hellie arrives on site. ERCS crew on site. Four techs, 1 foreman, 2 RMs on site. ——— AH

0700 Safety Meeting: break up concrete, excavate contaminated soil in A-1, load haz roll off boxes, prep areas B-5 to B-10 for sampling, vacuum standing water, plane concrete floor. ——— AH  
 Overhead hazards, loud noise, moving equipment, open excavations, electric shock ——— AH

Weather: High ~ 45°F, rain predicted in afternoon ——— AH

0730 STARTM Hellie filling out Amendment for Berger.

0800 Hertz on site to fit breaker to bobcat ——— AH

0830 STARTM Hellie enters hot zone to take 12 confirmation wipe samples (all totaled with 3/3 samples). Grids D10, D9, D7, D6, A9, A10 confirmation samples taken after second planing B5, B6, B7, B8, B9, A3 confirmation samples taken after first planing ——— AH

1045 STARTM Hellie exits hot zone, filling out COC, decorating samples, sample ID stickers ——— AH

1230 Lunch ——— AH

1300 STARTM Hellie updating log book and photology ——— AH

1330 STARTM Hellie updating receipt log ——— AH

1420 STARTM Hellie enters hot zone to photodocument & visually check removal of contaminated rein of soil in A1 excavation. Also take readings from MH4: 20.6% O<sub>2</sub>, 30.2 organics, all other readings were 0 ppm. Crew finished planing C1, C2, C3 and sweeping/vacuuming dust up. To be sampled 3/5/97 in the morning.

1600 STARTM Hellie exits hot zone. Calling E+E to check on getting a probe for the PID for confined space entry

3/4/97

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J.E. Berger

work. STARTM Hellie and USCG Fromer disc  
probe use and readings delay time.

backnote: 0700 USCG Fromer on site to begin  
site support activities

1645 STARTM Hellie filing paperwork and update  
log.

1740 STARTM Hellie leaves site

1745 crew leaves site

*Anne Bellie 3/4/97*

3/5/97

SOS-9610-001

J.E. Berger

0700 STARTM Hellie arrives on site. ERCS crew (7 laborers, 1 foreman, 1 RM, 1 clerk) and USCG on site ———— AH

Safety Meeting: Vacuum grids C1, C2, C3 and prep for wipe samples, prep and plane grids A1 & 2, B1 & 2, load haz roll off. Weather: High ~ 40°F, rain/snow in afternoon ———— AH

0715 STARTM Hellie calculating costs to Berger and Comet for 3/3 and 3/4 ———— AH

0820 Metropolitan Environmental on site to deliver empty roll off and pick up full one ———— AH

1011 Driver for Roll off calls in weight from truck stop 75,660 gross he will continue to the landfill ———— DRa

backnote: 0915 STARTM Hellie enters hot zone to take samples from grids C1, C2, & C3. Also monitor MH4: 6.2 organics, 4ppm CO, 1% LEL, 20.2 O<sub>2</sub>. Crew is planing grids A1 and B1. Possibly dust in air causing errors in PASSPORT readings. Near crew planing area, CO readings sustained above 10ppm and up to 22ppm. Dust in air significantly higher in this area. ———— AH

1015 Crew takes morning break. After break STARTM Hellie and USCG former will enter hot zone to monitor for CO with Drager tubes in order to rule out dust contamination.

1020 STARTM Hellie exits hot zone. Filling out COC, updating log book. ———— AH

backnote: 0930 Metropolitan Environmental on site to drop off empty roll off and pick up full one ———— AH

1040 Metropolitan Environmental off site ———— AH

1200 Driver for Metropolitan Box # 2 for today called with Gross weight of 76540 lbs. ———— DRa

3/5/97

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J.E. Berger

1118 STARTM Hellie and USCG Fromer enter hot zone to monitor CO levels with Draeger tube and monitor crews progress. CO level at ~ 10 ppm near 2 running planers. Crew planing, sweeping B2 and one crew member loading dirt from excavation on 2/14 into roll off box — AH

1215 STARTM Hellie and USCG exit hot zone. STARTM Hellie filing paperwork. — AH

1245 Lunch — AH

1400 STARTM Hellie updating receipt log, IOL, daily costs — AH

1615 STARTM Hellie leaves site — AH

1730 Crew leaves site — AH

Anne Hellie 3/5/97

3/6/97

SOS - 9610 - 001

J. E. Berger

- 0700 STARTM Hellie arrives on site. ERCS crew (6 techs, 1 RM, 1 foreman) and USCGr Fromer on site. ——— AH
- Safety Meeting: load haz rolloff, plane concrete grids B3, A4, C4, prep areas for wipe samples. ——— AH
- Weather: Snow last night, high ~ 30°F, wind up to 25mph, wind chill 7°F.
- 0800 STARTM Hellie printing/updating POLREP II ——— AH
- 0830 STARTM Hellie calibrating PASSPORT & PID ——— AH
- 0900 STARTM Hellie enters hot zone to take samples from grids A1, A2, B1, B2. Also monitoring MH4. All readings on PID and PASSPORT 0 except O<sub>2</sub> 20.8% and 1% LEL ——— AH
- 1000 <sup>AH</sup> STARTM Hellie exits hot zone. Crew breaking. Updating log book. ——— AH
- 1045 STARTM Hellie rcorrecting/printing POLREP II ——— AH
- 1230 Lunch ——— AH
- 1300 Done with lunch. STARTM filing paperwork. ——— AH
- 1345 STARTM Hellie and USCGr Fromer enter hot zone to monitor air/MH4 and observe crews' progress. All readings 0 except O<sub>2</sub>: 20.8% (in air and MH4). Crew planing B3, B4, and C4. Snow from last night is melting on roof and causing a lot of standing water on floor.
- 1500 STARTM Hellie, USCGr, and crew exit hot zone for break.
- 1530 OSC Buckley on site to prepare to temporarily take over for OSC Anderson ——— AH
- 1615 J. Kelly planer breaks down. Chain came off. J. Kelly ——— AH  
scheduled to be on site at 0730 on 3/7/97 to repair it.
- 1625 STARTM Hellie looking up POLREP delivered dates for Berger monthly report. ——— AH
- 1730 STARTM Hellie, USCGr, and crew leave site. ——— AH
- Done Hellie 3/6/97

3/7/97

SOS-9610-001

J. E. Berger

0700 STARTIM Hellie arrives on site. USCB and ERCS crew on site (6 techs, 1 foreman, 1 EM, 1 clerk) ——— AH

Safety meeting: plane halves of concrete floor G5, C6, C7; vacuum standing water in C grids and containerize, vacuum and sweep grid C4, prep areas for wipe sampling, house keeping ——— AH

0730 J. Kelly on site to service planes with chain problem ——— AH

0745 ERCS crew member Joe Jackson slips on ice in hot zone. He hurt his shoulder and back and is unable to move. 911 was called and informed of the situation and that Berger is a hazardous waste site. No dust has been produced in hot zone yet so emergency response personnel will be able to enter hot zone in "level D". ——— AH

0805 Fire department and ambulance on site. No OSC on site. OSC Anderson off site due to Mississippi pesticide site help and replacement OSC Buckley called in for emergency response oil clean-up. Jason El-zin called and voice mail left briefly explaining situation. J. Jackson has not been moved. USCB and RM took steps to cover him for warmth purposes ——— AH

0815 Metropolitan environmental on site. Driver unable to drop/PU boxes due to injured worker situation. Waiting for worker to be taken care of. ——— AH

0820 Ambulance and fire department leave site with Joe Jackson. Jason El-zin reached and briefed on situation.

backnote: 0805 Ambulance backs into loading dock area. Geofab laid down to create pathway to J. Jackson for ambulance crew. Crew member was backboarded and decontaminated in ambulance. All of Jackson's contaminated PPE remained on site to be disposed of.

backnote: weather high ~ 35°F, wind chill ~ 17°F, sunny ——— Alt

0900 J. Jackson taken in ambulance to: ——— AH

3/7/97

- WJ Detroit Receiving, 4201 St. Antoine, Detroit, MI (313) 745-3000.
- AH 0905 STARTM Hellie updating log, receipt log, daily costs — AH
- ms 0935 STARTM Hellie reviewing 1900-55 — AH
- rep 1020 STARTM Hellie enters hot zone to take wipe samples from  
-AH B3, B4, and C4 and to take a sample of poly from the floor  
n-AH for analysis. Also air monitored with: O<sub>2</sub> 20.7%, all other  
zone readings 0. Crew preparing grids for planing. — AH
- was 1100 STARTM Hellie exits hot zone. <sup>AH</sup> for Filing out COC and sample labels
- azard- 1130 USCGr Fromer talks with Jason El-zin to update him on  
SD current situation. J. Jackson still in X-rays and results have not  
e been received from hospital. — AH
- AH backnote: 0900 Metropolitan Environmental off site — AH
- SC 1215 AAC Trinity on site to pick up samples — AH
- document 1230 STARTM Hellie filing sample results and discussing them with  
uses USCGr Fromer, RM, and foreman — AH
- tions, 1300 lunch — AH
- to 1330 STARTM Hellie updating receipt log — AH
- AH backnote: <sup>1315</sup> J. Jackson on site - bruised but alright. Has a scheduled  
PU revisit to doctor on Monday 3/10/97 — AH
- be backnote: 1055 Mark Harmon (scrap metal contact) on site to  
AH tour TORQ building and inspect copper in building to be removed  
1. to help pay for draining and cleaning transformers. Speculated  
that capacitors contain PCB contaminated oil because of date used.
- layd -AH 1315 Metropolitan environmental on site to pick up roll off  
rew box — AH
- of 1515 STARTM Hellie filing paperwork — AH
- of. 1527 64,620 lbs weight for roll off called in by Metropolitan.
- AH 1530 STARTM Hellie leaves site — AH
- AH 1700 Crew leaves site — Anne Hellie 3/7/97 —

3/10/97

S65-9610-001

J.E. Berger

0700 STARTM Hellie arrives on site. ERCS crew (4 techs, 1 foreman, 1 RM, 1 junior RM), A+E plumbing (2 people) USCG Fromer and OSC Buskley on site ————— AH

Safety Meeting: scrap floor tile 2<sup>nd</sup> floor, start sewer jetting MTH, confined space entry, plant house keeping. Slips, trips, falls, overhead hazards, lifting, electric shock, confined space entry

Weather: Sunny, high ~ 35°F, snow/rain in afternoon — AH

0730 STARTM Hellie filing out timesheet ————— AH

0805 Inland waters vac truck on site for sewer jetting — AH

0919 STARTM Hellie enters hot zone to do air monitoring for confined space entry. Crew working on MTH. Setting up sewer balls and vacuuming out water into 55 gal drums to be pumped into larger (1500 gal) holding tank. MTH readings: 1000 6.3 organics, 20.8 O<sub>2</sub>; 1015 15.0 organics, 20.8 O<sub>2</sub>; 1030 6.6 organics 20.8 O<sub>2</sub>. ————— AH

1030 STARTM Hellie, crew, & A+E exit hot zone for break ————— AH

1050 STARTM Hellie and crew/A+E reenter hot zone to continue sewer work on MTH ————— AH

1300 Lunch ————— AH

1330 STARTM Hellie and crew enter hot zone to plug off lines on MTH in grid C5. Lines being plugged with sand bags to keep wash water from backflowing into MTH3. It is thought (per ERCS/A+E) that MTH and MTH3 are not connected. MTH is learned to be draining to the north into TORQ building. Attempts were made to sandbag manhole in TORQ building to stop flow, some washwater escaped downflow into sewer system. Confined space entry wash made to plug off MTH drainage into TORQ building. — AH

1530 Crew and STARTM exit hot zone for break. — AH

backnote: MTH3 readings: 1400 0 organics, 20.8 O<sub>2</sub>; 1415 0 organics, 20.8 O<sub>2</sub>

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J.E. Berger

1552 Crew and STARTM Hellie enter hot zone to continue jetting in MH4 (3 lines total needed jetting). At the end of jetting MH4, roughly 1/2 of the 1500 gal tank was filled with water from the jetting process.

AH

1743 Crew signs out for the day

AH

1755 STARTM Hellie leaves site

AH

Anne Hellie 3/10/97

3/11/97

SOS-9610-001

J.E. Berger

0700 STARTM Hellie arrives on site. ERCS crew, USCG, & A&E Plumbing on site. Weather: High ~ 42°, cloudy, rainy ——— AH

Safety Meeting: Confine space entry, sewer jetting and cleaning, tile removal 2<sup>nd</sup> floor, hose keeping, vacuum and containize standing water. Pump out decon water in poly tank ——— AH

0730 STARTM Hellie calibrating equipment for day's use ——— AH

0745 STARTM Hellie updating/printing out PAREP. ——— AH

0800 Hi-Po onsite to <sup>AH</sup> with decon/~~sewer~~<sup>AH</sup> water truck ——— AH

0805 STARTM Hellie reviewing 1900-55 and updating receipt log/10L — AH

0900 STARTM Hellie enters hot zone to perform air monitoring. One line of MH4 being jetted. ERCS member Ismael Peña enters MH4 to remove bladder plugs. Readings in MH4: 0 ppm Organics, 20.9% O<sub>2</sub>,  
<sup>10:15 AM</sup> all other readings 0 ——— AH

<sup>10:30 AM</sup> Crew, A&E, and STARTM Hellie exit hot zone for morning break

<sup>10:45 AM</sup> Crew enters hot zone. STARTM filing paperwork ——— AH

1050 STARTM Hellie enters hot zone to continue air monitoring. Plugs being put into MH2 so that MH3 can be jetted. Readings in MH2: 21% O<sub>2</sub>, all other readings are 0 ——— AH

Jetting toward MH2 in MH3 takes place. Loading dock side of MH3 plugged to prevent drainage. MH3 readings: 20.4% O<sub>2</sub>, 2% LEL, all other readings 0. Upon sucking pipe contents back into MH3 large amounts of vapors escaped from manhole. Readings on PID up to 800 and LEL above 10% (at base of hole and up to 3 feet from hole). Activities stopped and area allowed to vent during lunch. ——— AH

1215 Lunch. STARTM and crew exit for lunch ——— AH

1245 STARTM Hellie and crew enter hot zone to complete jetting of MH3 toward loading dock area. Confined space entry made

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J. E. Berger

to move plugs so loading dock side of MH3 can be jetted.  
 (continuous monitoring done during entry and during jetting  
 and suction (vacuuming). LEL at 4% and then 2%, all  
 other readings 0, 20.4% O<sub>2</sub>. ————— AH

1423 STARTM Hellie exits hot zone. Filing paperwork, filing out  
 COC for vac truck wipes, discussing what samples need to be taken/  
 what sewer H<sub>2</sub>O should be analyzed for. Crew cleaning up and  
 A+E cleaning up. Crew deconing jetting hose and sewer balls.

1500 A+E plumbing off site. Crew removing tile on second and  
 third floor, bobcat loading bags into rolloff. ————— AH

1630 STARTM Hellie enters hot zone to take wipe samples from jetting  
 hose and 2 plugs and sewer water sample from holding tank.  
 COC filled out and labels placed on jars. ————— AH

1730 Crew, VSLG, and STARTM Hellie leave site. ————— AH

*Anne Hellie 3/11/97*

3/12/97

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J.E. Berger

0700 STARTM Hellie arrives on site. ERCS crew and USCG, OSC

Buckley on site

AH

safety meeting: Scrape floor tile, load flooring tile into rolloff, scurry 3<sup>rd</sup> floor, retrieve sand bags from MH3 and MH2.

Weather: Sunny, cold in morning, high ~42°F

AH

0730 STARTM Hellie updating log book, filing paper work Calibrating equipment for confined space entry

AH

0900 AH  
 0915 STARTM Hellie enters ~~hot zone~~ <sup>MP</sup> TORQ building to perform air monitoring in MH7 while ERCS crew member Ismael Peña enters manhole to remove sandbags. Readings: 0904 20.4% O<sub>2</sub> 37.7 organics, 6 ppm CO; 0919 20.4% O<sub>2</sub>, 90.6 ppm organics 2 ppm CO. Crew in hot zone removing <sup>files</sup> from second floor room directly in front of the stairs (north of stairs).

AH

0930 STARTM Hellie exits TORQ building

AH

1015 crew on break until 1030

AH

backnote: 0745 AAC Trinity on site to pick up sewer water sample and truck/hose/sewer ball wipe samples

AH

1040 STARTM Hellie enters hot zone to perform air monitoring in MH2 and MH3 while ERCS crew removes sandbags. MH2 Readings:

1053 20.3% O<sub>2</sub>, all others 0. MH3 readings: 20.4% O<sub>2</sub>, all others 0.

AH

1140 STARTM Hellie exits hot zone. Crew finished removing tiles on second floor. Crew preparing C grids for planing (this afternoon) - plan to begin planing C6 and work back toward C11

AH

1245 lunch

AH

1315 Crew begins planing C grids in level C. STARTM Hellie updating log, daily costs, receipt log

AH

1515 crew breaks

AH



3/13/97

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J. E. Berger

115

0700 STARTM Hellie arrives on site. ERCS crew (6 techs, 1 RM, 1 foreman), USCGr Fromer, OSC Buckley on site — AH

Safety Meeting: plane concrete floor in warehouse C7 to C10, sweep and vacuum concrete floor, vacuum & containerize standing water, cover completed areas with poly, cover opening on 3<sup>rd</sup> floor.

Weather: High ~ 35°F, cloudy, light flurries expected — AH

0800 STARTM Hellie enters decon room to observe crews' activities. Preparing grids for planing and cleaning loading dock area. — AH

0830 STARTM Hellie reviewing 1900-55 — AH

0930 STARTM Hellie enters decon room to observe crews progress. Crew planing in C grid with large J. Kelly planer and sweeping/shoveling dust for disposal.

0940 STARTM Hellie making analytical table for pic samples — AH

1040 STARTM enters decon room with crew to supervise crew member taking a 1 liter sample from de<sup>th</sup> sewer water tank. Sample taken on 3/12 was not enough for analysis — AH

1055 STARTM Hellie filing out COC and sample label — AH

1110 OSC Buckley off site — AH

1115 J. Kelly on site to drop off planer — AH

1200 STARTM Hellie updating receipt log, LOL, daily costs — AH

1230 Lunch — AH

1300 Crew continues planing in C. STARTM Hellie working on wipe sample plan.

1430 STARTM Hellie reading OSC report documentation — AA

1600 STARTM Hellie leaves site — AH

backnote: ~ 1200 J. Kelly planer has problems with throttle. Not in use for rest of day. — AH

1730 crew leaves for day — AH

Anne Hellie 3/13/97

3/14/97 805-9610-001 J.E. Berger

0700 STARTM Hellie arrives on site. ERCS crew (3 techs, 1 RM, 1 foreman), USCG Fromer and OSC Buckley on site — AH

Safety meeting: Spread rock salt on warehouse floor as needed, vacuum and containize standing water, plane grids A1, A2, A3, prep completed areas for wipe sampling, decon level B equipment.

Weather: High ~ 32°F, rain all day, freezing rain last night and freezing rain/snow predicted for afternoon. — AH

0715 STARTM Hellie enters decon room. Geofab in decon soaked with water, some standing water in decon room. Entire warehouse floor submerged in at least 2" of standing water. Lots of ice formed in walking areas. Crew spreading salt for safety — AH

backnote: 3/13/97 crew completed grids C5 and C6. On 3/13/97, crew completed C7 - C10 grids — AH

0815 Drums dropped off. 20 closed top drums, 5 open top drums. — AH

Delivered by Maxi container. ERCS clerk arrives from Bonmarito with 12 bags of sand, 6 bags salt, and 2 garden hoses — AH

STARTM Hellie working on OSC report — AH

0945 STARTM Hellie enters hot zone. Crew vacuuming standing water. Water on top of poly being pumped into sewer because it's clean, water on the floor and on dirty poly is being pumped into decon water tank for disposal. Tank ~ 1/2 full. Still up to 2" standing water in some places.

1015 STARTM Hellie and crew exit hot zone. Crew breaks until 10:30. STARTM working on OSC report. — AH

1045 STARTM Hellie updating IOL, receipt log, daily costs — AH

1140 Scotties porties on site to clean porta jons — AH

1200 J. Kelly on site to fix fittings on planer — AH

1230 Lunch — AH

1300 STARTM Hellie continuing updating IOL, receipt log, daily costs.

3/14/97

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J.E. Ber

1350 STARTM Hellie enters hot zone to take reading

MH4: 47.1 ppm organics, 20.4% O<sub>2</sub>, all other0. Also taking photo<sup>u</sup>documentation. Crew still vac

large amounts of standing water, also vacuuming t

1430 STARTM exits hot zone, updating log book.

1445 Crew breaks until 1500. Crew vacuuming in decon

vacuuming in warehouse.

1450 STARTM Hellie working on OSC report

1555 HiPO on site to pump poly tank out for weekend

1605 STARTM Hellie leaves site

1630 crew off site for weekend

~~Ann Hellie 3/14/97~~

St. Patrick's Day!

3/7/97

505-9610-001

J. E. Berger

0700 STARTM Hellie arrives on site (4 techs, 1 RM, 1 foreman, 1 clerk) on site for ERCS, USLG, Fromer, and OSC Buckley on site. AH

Safety Meeting: Plane 3rd floor, sweep & vacuum concrete on 3rd floor, set up drum stage area for PCB transformer liquid removal, remove transformers liquid and containerize in drums, rinse transformers with diesel fuel & let set, vacuum and containerize standing water. AH

weather: cloudy, high ~ 42°F, possible rain in afternoon. AH

0720 crew enters hot zone to begin planing on 3rd floor (2 techs working with small planer) and to begin draining transformers. AH

STARTM Hellie making corrections to geoprobe sample plan & wipe (confirmation) sample plan. AH

0830 STARTM Hellie working on PDREP 12. AH

0900 STARTM Hellie updating waste tables. AH

1000 STARTM Hellie enters TORO building to observe crew. Crew finished with setup to drain transformers. Crew begins draining transformers 2, 1, and 5 will be drained before lunch. Crew skips break and will take a long lunch. 2 crew members in hot zone preping grids C5-C10 for sampling. AH

1130 STARTM Hellie exits hot zone, filing paperwork. AH

1200 STARTM Hellie updating IOL, daily costs and receipt log. AH

1300 lunch. AH

1330 STARTM Hellie enters hot zone to take wipe samples in grids C5-C10. 2 crew members have been preparing grids for sampling. Others are draining transformers. All but transformer #3 are drained. #3 has a problem with the valve and needs to be hand pumped out. Rest of day will be spent draining capacitors - transformer will be pumped out in morning. Crew in hot zone planing grids A1 & A2. AH

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3/17/97

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J.E. Berger

1525 STARTM Hellie exits TORQ building to fill out WOC and sample labels. ————— AH

backnote: 1100 Palmer Equipment on site to pick up small planer that was not working properly. Dropped off small yellow planer for 3<sup>rd</sup> floor work. 2 large J. Kelly planers w/rently on site and one small <sup>AH</sup> like Palmer planer ————— AH

1115 Palmer off site ————— AH

1600 O. Marshall from Protech on site for evening ————— AH

backnote: 1430 Smith Welding on site to pick up breathing air cylinders ————— AH

1440 Smith Welding off site ————— AH

1600 Crew members in TORQ building draining switches (capicitors).

1610 STARTM Hellie and OSC Buckley enters TORQ building to observe crew. Crew unscrewing bottom boxes of switches and allowing oil to drain off inner parts. Oil to be pumped out this afternoon. ————— AH

backnote: 1330 STARTM Hellie air monitors MTHU in hot zone: 20.6%O<sub>2</sub>, 16 ppm organics, all other readings 0 ————— AH

1730 Crew leaves site for the day ————— AH

~~Anne Hellie 3/17/97~~

3/18/97

505-9610-001

J.E. Berger

0700 STARTM Hellie arrives on site. ERCS crew (5 techs, 1 RM, 1 foreman, 1 clerk), USCG Fromer, OSC Buckley on site.

safety meeting: plane failed areas in warehouse, sweep and vacuum concrete floor, vacuum and containerize standing water, flush transformers with diesel fuel, plane concrete on 3rd floor, prep completed areas for wipe sampling. Hazards: overhead hazards, grinding wheels, electric shock, slips/trips/falls, lifting/bending - PCBs (inhalation/absorption) AH

weather: high ~ 32°F, cloudy possible heavy snow/rains in afternoon AH

0800 STARTM Hellie reviews 1900-55 AH

0900 STARTM Hellie working on OSC report AH

1000 Fisher Fuel on site to deliver diesel for transformer flushing and fuel for equipment. AH

1045 STARTM Hellie filing paperwork AH  
backnote: 1000 P<sup>H</sup>

1100 Fisher Fuel off site AH

1130 Hertz on site to pick up breaker attachment for bobcat

1230 lunch AH

1245 Hertz off site AH

1300 crew back in hot zone AH

backnote: 1100 STARTM Hellie enters TORQ building to check on crew's progress. Transformer #3 will not release oil through valve. Hand pumping was attempted but found to be too slow to be effective. Crew empties capacitors/switches oil into funnel to drain down 1 floor into 55 gallon drum. Transformer 3 problem is being worked on. Crew planing grids A1, A2, A3 in hot zone AH

1350 STARTM enters decon room to observe crew's activities. Richardson (ERCS crew member) on site at 1405 and dressing out to help two crew

3/18/97

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J.E. Berger

members planing in hot zone. Not planing yet, sweeping and vacuuming A1-A3 grids. Two crew members in TORQ building draining transformer 3 through drain plug with adaptor and garden hose brought from Bommarito Hardware. Draining is going slowly due to small diameter of garden hose. 4 capacitors/plugs oil drained. The rest will be addressed when the transformer is finished draining — AH

1440 STARTM exits hot zone, TORQ building to update log book and discuss day's activities with foreman — AH

1445 Denise from Envirostaff on site to deliver hard hats, nose wps, safety glasses — AH

1530 STARTM Hellie updating receipt log — AH

backnote: 0900 First 100' of hose used (for sewer jetting only 100' used total for jetting) cut off and loaded into roll off for disposal due to large amounts of PCBs detected by wipe sample analysis taken after jetting was completed. — AH

1730 Crew leaves site for day — AH

Arme Hellie 3/18/97

3/19/97 SOS-9610-001 J.E. Berger

0700 STARTM Hellie arrives on site. USCG, OSC Anderson, ERCS crew (5 techs, 1 RM, 1 foreman, 1 clerk) on site. — AH

Safety meeting: plane BB+B9, plane concrete on 3rd floor, flush transformers, vacuum and sweep concrete floor, prep completed areas for sampling, vacuum/containerize standing water. — AH

Weather: Sunny high ~30°F. Cold. Clouds in afternoon — AH

0730 STARTM Hellie calibrating PASSPORT and PID — AH

0820 STARTM Hellie enters hot zone in level D to take wipe samples from grids A1, A2, + A3 which were completed and preped on 3/18/97. Crew vacuuming standing water and house keeping. Air monitor MHU: 42.10 ppm organics, 20.6% O2, all other readings 0 ppm — AH

0855 STARTM exits hot zone and enters TDRA building. foreman and 1 tech draining diesel flush in transformer 2. Preparing to transfer flush diesel from transformer 1 to 3 then 4 and so on. Photodocumentation also taken — AH

0945 STARTM Hellie filling out COC and sample labels — AH

1040 STARTM Hellie updating IOL/daily costs/receipt log from 3/18/97.

1120 AAC Trinity on site to pick up samples taken earlier in A.M.

1140 STARTM Hellie updates POLREP 13 — AH

1200 STARTM updating receipt log/IOL/daily costs — AH

1230 Lunch — AH

1300 STARTM Hellie working on OSC report, crew planing in B grid (8, 9, +10) — AH

1630 STARTM Hellie leaves site — AH

1730 Crew leaves site — AH

Ann Hellie 3/19/97

3/20/97

305-9610-001

J.E. Berger

0735 STARTM Hellie arrives on site. ERCS crew (4 techs, 1 RM, 1 foreman, 1 clerk), USCG Fromer, and OSC Buckley on site ————— AH

backnote: 0700 Safety meeting: plane concrete floor, sweep & vacuum concrete floor, transfer diesel fuel flush, prep B10 #11, C10 #11 for planing, vacuum standing water, prep completed areas for wipe sampling.

Weather: High 40°F, cloudy, chance of showers in afternoon.

0747 Metropolitan Environmental on site to pick up rolloff and drop an empty. When completed we will have 2 empties on site because of large bulk anticipated when disposing poly used to cover floor.

0750 STARTM Hellie viewing 1900-55 ————— AH

0830 STARTM Hellie filing paperwork ————— AH

0901 Metropolitan Environmental off site with full rolloff ————— AH

0930 Metropolitan Driver calls. load weighs 60,030 lbs ————— AH

1000 2 crew members transferring flush from transformer 3 to #5 and the other two are planing 5. room on third floor ————— AH

backnote 0920 STARTM Hellie updating WL, daily costs, receipt log ————— AH

1010 STARTM Hellie updating POLREP 13 ————— AH

1100 STARTM Hellie making adjustments to timesheets that were done incorrectly.

1245 Lunch ————— AH

1315 Crew back in hot zone, relocating decon area ————— AH

1330 STARTM Hellie enters hot zone to take readings in MH4: 14.2 ppm organics, 20.8% O<sub>2</sub>, all other readings 0. Crew finishing decon setup.

1400 STARTM Hellie working OSC report ————— AH

1430 Crew preping grids for sampling & transferring diesel from transformer 5 to #4 — AH

1705 STARTM Hellie enters hot zone. Samples B8, B9, and 3<sup>rd</sup> floor room South. Crew cleaning up for day ————— AH

1722 STARTM exits hot zone ————— AH

1730 STARTM and crew exit site ————— AH

backnote: 1230 OSC Buckleys off site to office for duration of the day. Anne Hellie start

3/21/97

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J. E. Berger

- 0712 STARTM Hellie arrives on site. USCA Fromer, OSC Buckley, ERCS crew (5 techs, 1 RM, 1 foreman, 1 clerk) on site.  
 backnote: 0700 safety meeting: flush transformer, plane concrete floor (grids B10, B11, C10, C11), vacuum/sweep planed floor, vacuum and containize standing water, prep completed areas for sampling, house keeping. ——— AH
- Weather: High ~50°F, partly cloudy, possible rain in afternoon.
- 0730 STARTM Hellie filling out COC, sample labels for samples taken 3/21/97.
- 0800 STARTM reviewing 1900-55 ——— AH
- 0840 STARTM updating PDREP 13 ——— AH
- 0900 STARTM working on executive summary of OSC report ——— AH
- 1120 Scotties potties on site to pump out porta jons ——— AH
- 1230 Lunch ——— AH
- 1300 STARTM Hellie working on OSC report ——— AH
- backnote: 0920 OSC Buckley off site to office ——— AH
- 1445 STARTM Hellie updating IOL, daily costs, receipt log ——— AH
- 1605 STARTM Hellie enters hot zone to take confirmation wipe samples from grids B10, B11, C10, C11 and air monitor MH4: 16.2 ppm organics, 20.8% O<sub>2</sub>. Crew tearing down poly tent in loading dock area, moving equipment used for transformers back from transformer room
- 1640 STARTM Hellie exits hot zone, filling out COC, sample labels.
- 1700 AAC Trinity on site to pick up samples ——— AH
- 1715 STARTM Hellie leaves site ——— AH
- 1730 Crew leaves site for day ——— AH

3/24/97

SOS-9610-001

J.E. Berger

0707 STARTM Hellie arrives on site. ERCS crew (5 techs, 1 RM, 1 foreman, 1 clerk), OSC Buckley, VSC on site ——— AH

backnote: 0700 Safety Meeting: plane concrete floor A2, A3, B6, sweep & vacuum concrete floor, vacuum standing water & containerize, remove cover areas and dispose into roll-off boxes, ship out sewer liquid, shipped out transformer drums ——— AH

Weather: sunny, high ~ 40°F ——— AH

0930 Crew finished planing A2 & A3, now sweeping and vacuuming those grids. When finished crew will tear down poly in hallway and old decon area and possibly plane area (first room - decon) ——— AH

backnote: 0800-0840 STARTM Hellie working on Comet Chrome ——— AH

0845 STARTM filling paperwork ——— AH

1000-1030 STARTM working Comet Chrome ——— AH

1030 STARTM updating IOL, daily costs, receipt log ——— AH

~~1100~~ <sup>1130</sup> Inland Waters on site to pick up sewer jetting hose. Having trouble getting machine holding the hose started. Post wipes for hose and plugs copied and provided to Inland Waters ——— AH

1130 S.P. Meijers on site to pick up drums containing transformer fluids (oil/diesel) ——— AH

1330 S.P. Meijers off site, crew breaks for lunch ——— AH

1400 Crew enters hot zone ——— AH

1430 STARTM Hellie enters hot zone to take confirmation wipes from A2 & A3. Crew collecting poly for disposal & planing old decon room. CO readings in planing room ~ 550 ppm, O<sub>2</sub> % = 20.6. Re-read with draeger tube readings still high so crew stopped planing for day will rent & continue tomorrow. MTH readings: O<sub>2</sub> 20.7% 70.2 ppm organics, all other readings are 0. ——— AH

1545 STARTM exits hot zone ——— AH

1615 STARTM leaves site ——— AH

1730 crew leaves site ——— AH

Anne Hellie 3/24/97

3/25/97

SOS-9610-001

J.E. Berger

- 1 0710 STARTM Hellie arrives on site. ERCS crew (4 techs, 1 RM, 1 foreman, 1 clerk), USCG Fromer on site. No OSC on site today.
- AH safety meeting: plane concrete floor, sweep & vacuum concrete, pump out sewer liquid and demobe poly tank, prep completed areas for wipe sampling, remove poly sheeting, pressure wash completed grids.
- 0730 STARTM Hellie filling out COC and sample labels from samples taken on 3/24 from grids AZ & A3 (CWSAZ & CWSAZ) — AH
- those 0750 AAC Trinity on site to pick up samples (off site at 0755) — AH
- old 0830 STARTM Hellie reviews 1900-55 — AH
- AH 0930 STARTM Hellie updating PPE tracking — AH
- AH <sup>1230 AH</sup> 1300 Lunch — AH
- AH <sup>1300</sup> Crew planing 3rd floor and loading dock area, preping sample grid areas. STARTM filing paperwork — AH
- AH 1330 Dynecol on site to collect sewer water for disposal — AH
- getting 1445 Dynecol off site — AH
- nd 1500 STARTM Hellie updating receipt log — AH
- AH 1535 STARTM Hellie enters hot zone to take confirmation samples from decon room (CWSDCN) and loading dock ledge (CWSLD). Readings in mHU 13.3 organics, 20.8% O<sub>2</sub>, all other readings are 0. — AH
- AH Crew has been cutting up poly tank and solidifying sludge in bottom.
- AH Decon room finished in A.M. and loading dock done in afternoon. Third floor North room almost done being planed. To be sampled on 3/26/97.
- w 1605 STARTM Hellie leaves site — AH
- room 1730 Crew leaves site — AH

0.7%  
 -AH  
 -AH  
 -AH  
 Anne Hellie 3/25/97

3/26/97

SOS-9610-001

J.E. Berger

- 0845 STARTM Hellie arrives on site. ERCS crew (4 techs, 1 PM, 1 foreman, 1 clerk) & USCG Fromer on site. — AH
- backnote: 0700 Pressure wash completed areas, plane B-6, B-10, dock and bay, sweep/vacuum planed areas & prep for sampling, remove poly sheeting, remove waste from poly tank and load into haz roll-off, remove remaining tunnel material — AH
- weather: cloudy high  $\sim 47^{\circ}\text{F}$  — AH
- 0900 crew has loaded poly tank sludge into haz box and is currently planing (per foreman Gilmarin) — AH
- 0905 OSC Anderson on site — AH
- 0920 crew decontaminating small Palmer planer to be picked up. J. Kelly large planer was deconned on 3/25/97. Both are scheduled for pickup today. — AH
- backnote: 0855 AAC Trinity on site to pickup samples. — AH
- 0730 USCG enters hot zone to take wipe sample from 3<sup>rd</sup> floor north room (CWS3FLN) due to START members' absence — AH
- 0930 STARTM reviewing 1900-55 — AH
- 1000 STARTM updating IOL, daily costs, receipt log — AH
- 1030 STARTM printing out POU REP 14 for review — AH
- 1050 STARTM Hellie filing paperwork — AH
- 1100 J. Kelly on site to pick up planer (large planer) — AH
- 1245 lunch — AH
- 1315 crew preparing areas B6, B10, & loading dock for sampling, finishing planing. STARTM enters upper attic of Burger to search files for potential PEPs — AH
- 1330 STARTM enters hot zone to take confirmation wipe samples in grids B6, B10, & loading dock. MTHU reading: 19.9% O<sub>2</sub>, 13.2 ppm organics, all other readings 0. — AH

1730 crew leaves site

3/26/97

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J.E. Berger

1400 START exits hot zone and continues to search through files — AH

MS Crew tearing down decon hallway poly & boards, begin powerwashing in wax house — AH

1630 STARTM exits Berger, updating log book — AH

~~1700~~ <sup>1715 AH</sup> STARTM Hellie leaves site — AH

~~AH~~ 1730 Crew leaves site — AH

rently — AH

~~AH~~

AH

. Kelly

deep — AH

~~AH~~

~~AH~~

North — AH

~~AH~~

~~AH~~

~~AH~~

AH

~~AH~~

~~AH~~

~~AH~~

~~AH~~

S

2,

~~AH~~

Anne Hellie 3/26/97

3/27/97

SOS-9610-001

J.E. Berger

- 1255 STARTM Hellie arrives on site. ERCS crew (5 techs, 1 foreman, 1 clerk) and OSC Anderson on site. AH
- backnote: 0700 safety meeting: Pressure wash completed areas, remove poly sheeting, plane ramp area, backfill grids A1 & B1, make poly curtain in dock area. AH
- AH 0800 AAC Trinity on site to pick up samples taken on 3/26/97 AH
- AH 0820 AAC Trinity off site AH
- 1245 lunch AH
- 1315 crew enters hot zone to continue planing dock ramp and powerwashing AA
- 1330 STARTM reviewing 1900-55 AH
- 1400 STARTM printing out geoprobe & wipe sample plans for OSC review.
- 1430 STARTM working on OSC report. Crew done planing loading ramp. Now sweeping the area. AH
- 1645 STARTM Hellie enters hot zone to air monitor. mtt4: 20.8% O<sub>2</sub> all other readings are 0. PID not working properly. Muddy water being washed down drains. OSC Anderson enters hot zone to look at muddy water. Drainage basin in loading ramp vacuumed out. AH
- 1745 STARTM, OSC, and crew exit hot zone for day AH
- 1800 STARTM Hellie & crew leave site for day AA

Anne Hellie 3/27/97

3/28/97

SOS-9610-001

J.E. Berger

RM 0712 STARTM Hellie arrives on site. ERCS crew (5 techs, 1 RM, 1 foreman, 1 clerk) on site — AH

backnote: 0700 Safety Meeting - prep ramp for wipe samples, pressure wash warehouse floor, load non-haz debris, decon and load box truck, vac & containerize dirty water, remove plywood in tunnel and load into non-haz box — AH

backnote: 0630 Metropolitan Environmental on site to pick up haz box — AH

0730 Metropolitan off site — AH

0740 AAC Trinity on site to pick up samples — AH

0755 STARTM Hellie enters hot zone to take samples being prepped by ERCS crew. Samples from loadings<sup>AH</sup> docks 1-3 (CWSLD1, CWSLD2, CWSLD3). Coc & sample labels prepared before entry into hot zone. Crew done preping areas, deconning equipment for demobe to Chicago and powerwashing warehouse. — AH

0825 STARTM Hellie exits hot zone. OSC Anderson arrives on site.

0930 AAC Trinity off site with 3 wipe samples — AH

0900 STARTM Hellie verifying site equipment and supplies being taken off site by ERCS crew. Crew powerwashing in warehouse - vacuuming/shoveling dirt as needed. 2 crew members loading box truck for shipment to Chicago. — AH

0945 STARTM trouble shooting problems on PID and calibrating equipment.

1015 STARTM Hellie looking through files for potential PRPs — AH

1130 STARTM exits Berger building. Accompany ERCS clerk to store to buy crew lunch on last day on Berger site work.

1200 lunch — AH

1230 Crew continues with powerwashing and site cleanup. ERCS crewmember Ismael Pena demobes box truck with ERCS equipment

3/28/97

905-9610-001

J. E. Berger

in it to Chicago.

AA

1300 OSC Anderson & STARTM working on computer problems — AA

1330 OSC Anderson, RM Hinds, Foreman Gilmarlin, and STARTM Hellie

tour hot zone to look at power washing water. Some sludge material

needs to be containerized for disposal — AA

1400 STARTM updating receipt log — AA

1445 STARTM counting PPE / supplies to be credited to Berger

1500 START continues to update receipt log — AA

1530 STARTM & crew leave site — AA

1600 OSC Anderson Departs Site — 019

*[Handwritten signature]*

3-31-97

SOS-9601-001

Berger

0700 Safety Meeting topics covered include work for today (pressure wash floor, load non-haz debris, vac and shovel mud/plaster dust, vac & containerize dirty water, pass plane B-6) hazards discussed include slip, trip, fall; pressure washer; noise, electric shock; moving equipment; overhead hazards.

0711 Crew enters hot zone to begin work & concentrate on cleaning floor (pressure washing, vacuuming & sweeping) only 2 techs, 1 R/M, 1 Clerk today  
Security to remain on site all day today due to entire short day

0940  
~~1007~~ Crew Breatics

0955 Crew Returns to work

1005 OSC inspects work zone to determine if clean-up work (addressing mud in cracks) is adequate. Areas in question are deemed adequate.

1010 OSC Directs R/M to remove oil stained concrete that cannot be planed. R/M opts to use electric Chipping Hammer

At Noon Two board up services have visited the site this morning to provide bids to secure building after work is complete.

Berkshire Detroit<sup>city</sup> water supply Reps a personell are working in the neighborhood locating <sup>pts</sup> & shut off boxes to recondition them. OSC Anderson spoke with Supv. Walton (call # 793) and was told that in order to get Berger water shut off Contact 267-7546 and have Mrs Williams give them a service order.

3-31-97

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Berger

- 1207 OSC Anderson Contract, Miss Williams and requests the Detroit Water Dept "locate & repair curb stop" at 5300 Bellvue
- 1220 Crew Breaks for lunch
- 1250 Crew Returns to work
- 1500 Crew Breaks
- 1515 Crew Returns to work
- 1530 Crew has replanned Grid B-6 and used electric chipping hammer to remove oil stained concrete that could not be planed
- 1535 Backnote Detroit water dept has investigated water shut off for Berger building and determined the proper valve in street to shut water off
- ~~1545~~ 1730 Crew leaves site for day

Anne Hellic 3/31/97

4/1/97

SOS-9610-001

J.E. Berger

0700 Safety Meeting: vac and shovel mud, prep grid B6 for sampling, pressure wash warehouse floors, load haz debris, vac & containize dirty water, clean up chipped concrete in A4.

ERCS crew (3 techs, 1 RM, 1 foreman, 1 clerk) on site — AH

weather: high ~ 50°F, sunny, light wind — AH

0730 STARTM update<sup>AH</sup> filing paperwork — AH

0800 STARTM updating daily costs and 10L. Problems with disk encountered, per OSC STARTM will make a trip to the office to copy information onto new disks with hope of eliminating problems — AH

0930 STARTM Hellie enters hot zone to take samples<sup>AH</sup> from B6 (3CWSB6) and monitor MH4: 2% LEL, 20.9% O<sub>2</sub>, 36.4 organics.

All other readings are 0 — AH

1000 STARTM exits hot zone - filling out COC. Crew <sup>AH</sup> pre decomring for break — AH

1045 AAC Trinity on site to pick up sample — AH

backnote: 1030 STARTM Hellie viewing 1700-55 — AH

1140 STARTM Hellie to office to vinyl check disks — AH

1730 Crew and OSC leave site for day — AH

backnote: bottom 5 gallons of diesel wash in transformer 2 solidified and put in rolloff due to liquid analytical indicating hot diesel — AH

~~Anne Hellie 4/1/97~~

4/2/97

SDS- 9610-001

J.E. Berger

0710 STARTM Hellie arrives on site. ERCS crew on site (3 techs, 1 Rm, 1 foreman, 1 clerk). ————— AH

Safety meeting: 0700 Tasks for day: shovel and vacuum mud, pressure wash warehouse floor, vacuum & containerize dirty water load non-haz & haz debris, backfill excavation ————— AH

0730 STARTM filing paperwork ————— AH

0750 STARTM enters hot zone to take confirmation wipe of loading dock 2 / center dock ramp (2CWSLD2). ————— AH

0800 STARTM filling out coc and sample label ————— AH

0900 STARTM installing norton vinyls check on computer and checking. ————— AH

0930 STARTM updating 10L ————— AH

1010 STARTM updating daily costs & receipt log ————— AH

1230 Herron Metals in TORQ building removing scrap metal. OSC

Anderson discusses removal practices with foreman. Foreman was

advised that removal practices most likely do not comply with OSHA

and asked men to work in an area away from ERCS until ERCS

is finished. ERCS will be putting floor dry in bottom of transfor-

mers 1, 3, 4, & 5 to solidify bottom remaining inch of diesel

wash. Floor dry will be left in transformers. ————— AH

1300 lunch ————— AH

1330 STARTM Hellie, OSC Anderson, Rm Hinds, foreman Gilmartin take

a walkthrough hot zone to confirm work is completed. Some small

areas of dust and standing water to still be vacuumed. ————— AH

1400 STARTM working on OSC report. ————— AH

1645 STARTM leaves site ————— AH

1730 Crew leaves site for day ————— AH

Anne Hellie 4/2/97

4/3/97

505-9610-001

J.E. Berger

- 0733 STARTM Hellie arrives on site. ERCS crew on site (2 techs, 1 RM, 1 foreman) AH
- safety Meeting 0700: pump out poly tank (decon water) and wet up, load haz & non haz rolloffs, pump out excavation at comet, sweep & shovel concrete floor - comet, scrape/drag yard and place material in excavation, backfill excavation AH
- backnote: 0730 HiPo on site to pump decon/pressure wash water. AH
- 0745 STARTM discuss site demobe with OSC and packing up site equip. AH
- 0830 HiPo off site AH
- 0800 STARTM working on OSC report AH
- 1115 STARTM packing up trailers to prepare for demobe AH
- 1315 Lunch AH
- 1316 Metropolitan on site to pick up haz box. Driver brought an empty box with him to site that was not requested. He will leave the empty in the roadway and take the full one. The empty will be picked up later AH
- 1345 Metropolitan off site AH
- 1346 STARTM working on OSC report AH
- 1445 STARTM updating daily costs, LOL, receipt log AH
- 1700 STARTM filing paperwork AH
- 1727 STARTM leaves site AH
- 1730 Crew leaves site AH

~~Drive Hellie 4/3/97~~

4/4/97

SDS-9610-001

J.E. Berger

0725 STARTM Heltie arrives on site. ERCS crew (3 techs, 1 RM, 1 foreman, 1 clerk) on site. No work being done today by crew on Berger.

0915 J. Kelly on site to pick up planer

0930 STARTM Heltie updating receipt log

1020 Copier & fax companies on site to pick up machines

1300 Allied trucking on site to pick up trailers

note: 0930 Matika electric on site to shut off power

1130 Matika 2 techs off site

1400 Hertz on site to pick up backhoe & bobcat

1440 Hertz off site

1510 crew, OSC, and STARTM leave site

note: RM waiting for Palmer to arrive to pick up

power washer generator

Anne Heltie 4/4/97

camera: Olympus 35mm

Exposures: 24

Film: Kodak 400 ISO

Roll # 20 (Split with Comet Chrome)

Frame	Date	Photo-grapher	Dir.	Subject	Frame
2	4/4/97	AH	E	Allied towing removing office trailer from site	1
3	4/4/97	AH	E	AAA boardup services boarding Berger's entrance	18
4	4/4/97	AH	E	AAA boardup has secured 2 of the 3 loading dock doors	20
5	4/4/97	AH	E	View of loading dock area upon completion	21
6	4/4/97	AH	E	View of warehouse upon completion	22
7	4/4/97	AH	S	West side of warehouse completed (where decon was previously located)	24
8	4/4/97	AH	N	View of warehouse upon completion	25
9	4/4/97	AH	N	Backfill of excavation in A1 slightly above level to allow for settling	
10	4/4/97	AH	W	View of completed/clean warehouse	
11	4/4/97	AH	W	View of 2nd floor room after tile was removed	
12	4/4/97	AH	W	View of 3rd floor room (North room) after planing/cleanup completed	
13	4/4/97	AH	W	View of 3rd floor S. room after planing/cleanup completed	
20	4/4/97	AH	E	All three loading dock doors secured for end of site work	

Roll #19

13	3/19/97	AH	E	Transformer 2 being flushed with diesel fuel after draining	15
14	3/19/97	AH	E	Diesel <sup>flush</sup> being collected in drums for disposal by ERCS crew member	16
19	3/27/97	AH	SW	Crew member powerwashing planed area for final cleaning	17

note: Above photos were forgotten in log and added upon receipt of developed photos.

Camera: Olympus 35mm  
 Film: Kodak 400 speed

Exposures: 24  
 Roll #18 cont...

Frame	Date	Photo operator	Dir- action	Subject
17	3/11/97	AH	N	Sewer jetting - crew holding vac hoses while jetting proceeds.
18	3/11/97	Former AH	N	Crew member entering MH3 to sandbag sewer lines to prevent backflow SPATM monitoring air around MH4/ crew sewer jetting AH
<del>19</del> 20	<del>3/11/97</del> 3/12/97	AH	N/A	Crew member sandbagging sewer lines in MH3. AH
doors <del>21</del> 22	<del>3/12/97</del> 3/12/97	AH	SW	Crew preparing to enter MH7 to remove sandbags.
<del>21</del> 22	<del>3/12/97</del> 3/12/97	AH	E	Crew preparing to enter MH2 to remove sandbags. ← <i>exposed during rain</i>
<del>22</del> 23	<del>3/12/97</del> 3/12/97	AH	N/A	ERCS crew member I. Pena in MH2 removing sandbags.
ly located <del>23</del> 24	<del>3/12/97</del> 3/14/97	AH	E	ERCS crew preparing to enter MH3 to remove sandbags.
<del>24</del> 25	<del>3/14/97</del> 3/14/97	AH	N	View of standing water accumulating in decon room.
for settling <del>25</del> 26	<del>3/14/97</del> 3/14/97	AH	E	Warehouse flooded from heavy rains, crew vacuuming.

Camera: Olympus 35mm      Exposures: 24  
 Film: Kodak 400 speed      Roll #19

2 complet d. work 1	3/14/97	E	AH	Crew vacuuming water flooding warehouse floor. AH
02	3/14/97	SE	AH	Poly tank contaminated standing water is being pumped into
13	3/14/97	N	AH	Standing water in sunken area of previous excavation.
24	3/14/97	W	AH	Collapsing roof in grid D9.
35	3/14/97	W	AH	Poly covering 3 <sup>rd</sup> floor hole so that planing dust will not go through to 1 <sup>st</sup> floor.
46	3/17/97	E	AH	Crew with drums and tubing ready to catch transformer drained oil
57	3/17/97	E	AH	Crew member draining oil in transformer 2
68	3/17/97	N/A	AH	Drain line running through floor to drums on first level.
79	3/17/97	N	AH	Crew member emptying kerosene into transformer to flush rest of oil out.
810	3/17/97	AH	S	Crew members removing bottom portion of plugs/capacitors to prep to drain oil.
911	3/18/97	AH	E	Hand pump needed to drain transformer 3 due to nonworking gasket.
1012	3/18/97	AH	SW	Crew members draining capacitor oil into funnel & into drums for disposal.
1113	3/18/97	AH	W	Crew members removing bottom of capacitor to drain oil. AH
1214	3/18/97	AH	E	Adjusted fitting pit on transformer 3 to help drain it when valve didn't work.
← raining no number. ing 1315	3/25/97	Former	E	Dynecol truck pumping sewer water - backed in loading dock.
1616	3/25/97	Former	E	ERCS crew and pump hose leading to poly tank filled w/ sewer water.
1717	3/25/97	Former	W	Rear of pump truck pumping sewer water. AH
18	3/25/97	Former	N/A	Accidental Photo. AH

Camera: Olympus 35mm

Exposures: 24

Film: Kodak 400 speed

Roll #17

Frame	Date	Photo-grapher	Direction	Subject
1	2/13/97	A.H.	E	Soil wall/soil layers of excavation pit
2	2/13/97	A.H.	W	"
3	2/13/97	A.H.	N	"
4	2/13/97	A.H.	S	"
5	2/14/97	AH	N	A+E Plumbing tech bringing bringing dirt in bobcat to backfill excav.
6	2/14/97	<del>DLA</del> AH	N	A+E dumping clean dirt into excavation hole
7	2/14/97	AH	N	"
8	2/14/97	<del>DLA</del> AH	NE	Excavation after backfilling
9	2/14/97	DLA	E	Stockpiled soil after excavation
10				

Camera: Olympus 35mm

Film: Kodak 400 speed 24 exp.

Roll #18

1+2	Pictures taken for Comet Chrome (Roll #5)			
<del>3</del>	<del>3/3/97</del>	<del>AH</del>		<del>AH</del>
<del>3</del> 4	3/3/97	AH	E	Bobcat scooping up stockpiled dirt for loading into rolloff
<del>4</del> 5	3/4/97	WAH	W	Hertz correcting breaker fitting on bobcat
<del>5</del> 6	3/4/97	AH	E	Bobcat breaking cement in A1 before soil removal begins
<del>6</del> 7	3/4/97	AH	N	Continuing excavation in A1. Backhoe has removed <sup>stockpile</sup> <del>stockpile</del> soil.
<del>7</del> 8	3/4/97	AH	N	"
<del>8</del> 9	3/4/97	AH	N	Green top cement <sup>stockpile</sup> broken from grid A1.
<del>9</del> 10	3/4/97	AH	E	"
<del>10</del> 11	3/4/97	AH	N	Backhoe backloading <sup>green</sup> cement and top soil into excavation <sup>in A1.</sup>
<del>11</del> 12	3/11/97	AH	N	Confined entry (manhole) setup before activities begin.
<del>12</del> 13	3/11/97	AH	N	ERCS crew member being lowered on harness into hole.
<del>13</del> 14	3/11/97	AH	N/A	ERCS member in MTH capping plugs, another monitoring.
<del>14</del> 15	3/11/97	AH	E	Sewer vac system being set up. Crushed drum on rt. being <sup>replaced</sup>
<del>15</del> 16	3/11/97	AH	N	Sewer jetting machine in sewer and connected to drums for removal of H <sub>2</sub> O.

J.E. Berger S05-9610-001

Camera: Olympus 35mm

Exposures: 24

Film: Kodak 400speed

Roll # 16

Frame	Date	Photographer	Direction	Subject
1	1/29/97	C.G.	NW	Sample tubes with soil being sampled
2	1/29/97	C.G.	S	Geoprobe company
3	1/29/97	C.G.	SW	Drilling hole in grid 1A
4	1/29/97	C.G.	N/A	View of water in manhole #1
5	1/29/97	C.G.	W	ERCS sweeping area that has been plained
6	1/31/97	A.H.	S	ERCS crew planing B grids
7	1/31/97	A.H.	S	ERCS crew cleaning/shoveling up dust from planing
8	1/31/97	A.H.	E	VSCG stanton air monitoring in MHI
9	2/4/97	A.H.	E	Poly tent set up to catch rainwater
10	2/4/97	A.H.	N	Poly tent funneling rainwater into clean drum
11	2/4/97	A.H.	NE	Poly tent & heater set up to melt leftover snow.
12	2/5/97	A.H.	E	side view of walk behind saw used to cut concrete
13	2/5/97	A.H.	N	front view "
14	2/6/97	A.H.	N	Foreman running walkbehind saw to cut up hot concrete. (around GP-35 sample spot & taking out MHI)
15	2/6/97	A.H.	N	cement cut up by saw
16	2/6/97	A.H.	N	Foreman running saw to cut concrete
17	2/6/97	Anderson	N/A	Accidentally taken photo.
18	2/12/97	Hellie	W	loading plained cement into roll-off
19	2/12/97	Hellie	E	ERCS crew member planing concrete
20	2/12/97	Hellie	W	Bobcat loaded with plained cement bags
21	2/13/97	Hellie	N	Excavation of MHI and underlying soil
22	2/13/97	Hellie	N	soil and cement have been removed partially
23	2/13/97	Hellie	S	Soil wall of excavation pit around where MHI was
24	2/13/97	Hellie	E	Soil wall of excavation pit (E wall)
24	2/13/97	Hellie	S	Backhoe removing PCB contaminated soil
25	2/13/97	Hellie	S	" "

11 excat

AH

roll off

excav

stair soil

hoist in AI

ing replac

removal

